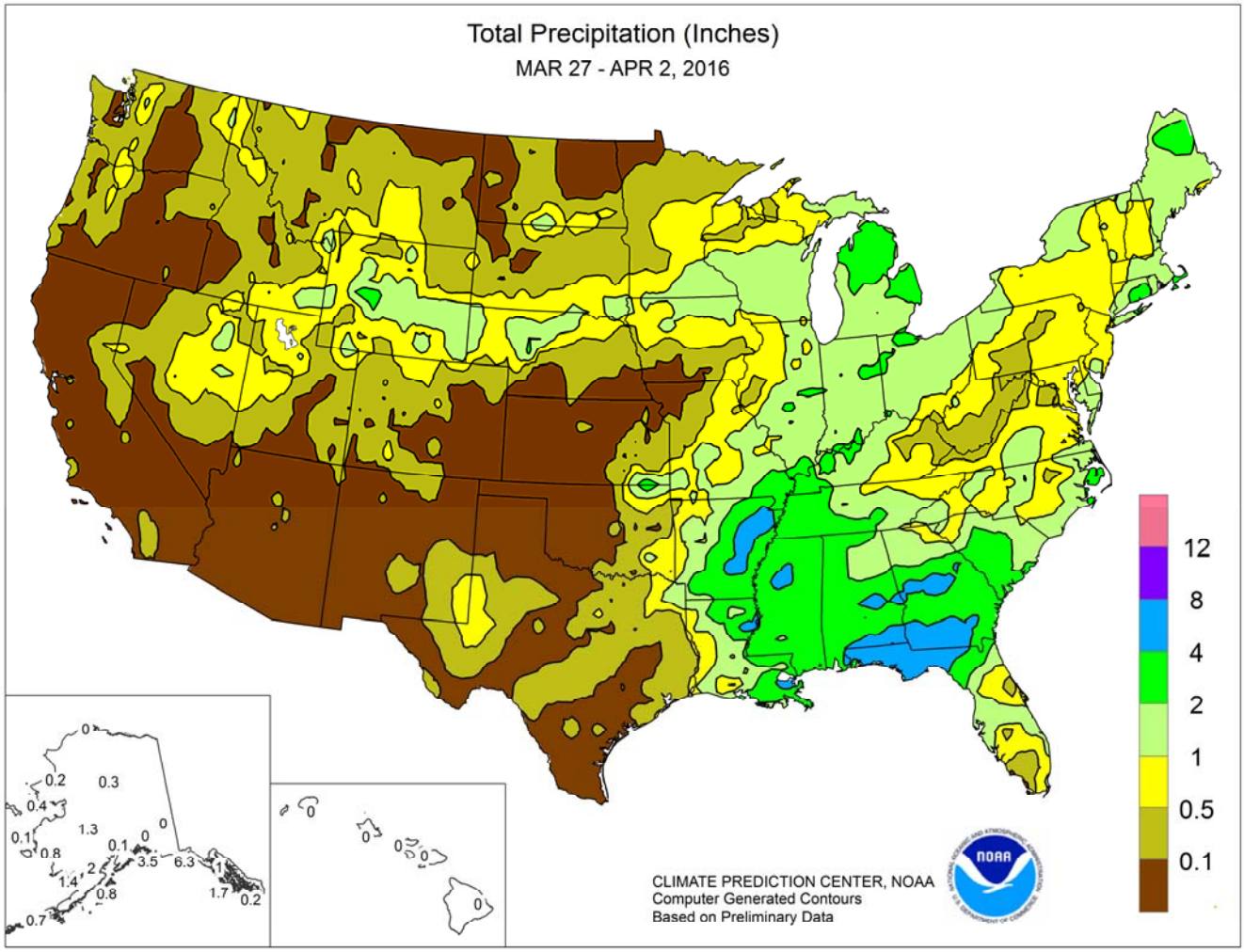
Volume 103, No. 14 http://www.usda.gov/oce/weather April 5, 2016

WEEKLY WEATHER AND CROP BULLETIN

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service

U.S. DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service
and World Agricultural Outlook Board



HIGHLIGHTS

March 27 – April 2, 2016

Highlights provided by USDA/WAOB

Unfavorably dry conditions persisted across the **central and southern High Plains**, except for a few showers in **Texas** and **southeastern New Mexico**. In addition to the dryness, winter wheat continued to endure large temperature swings. Mid-week temperatures topped 80°F as far north as **Kansas**, but freezes were noted on March 27 and April 1-2 as far south as **Texas' northern panhandle**. In contrast to the dryness farther south, a winter-like storm produced as much as 1 to 3 feet of late-March snow across the **northern Intermountain West**.

(Continued on page 5)

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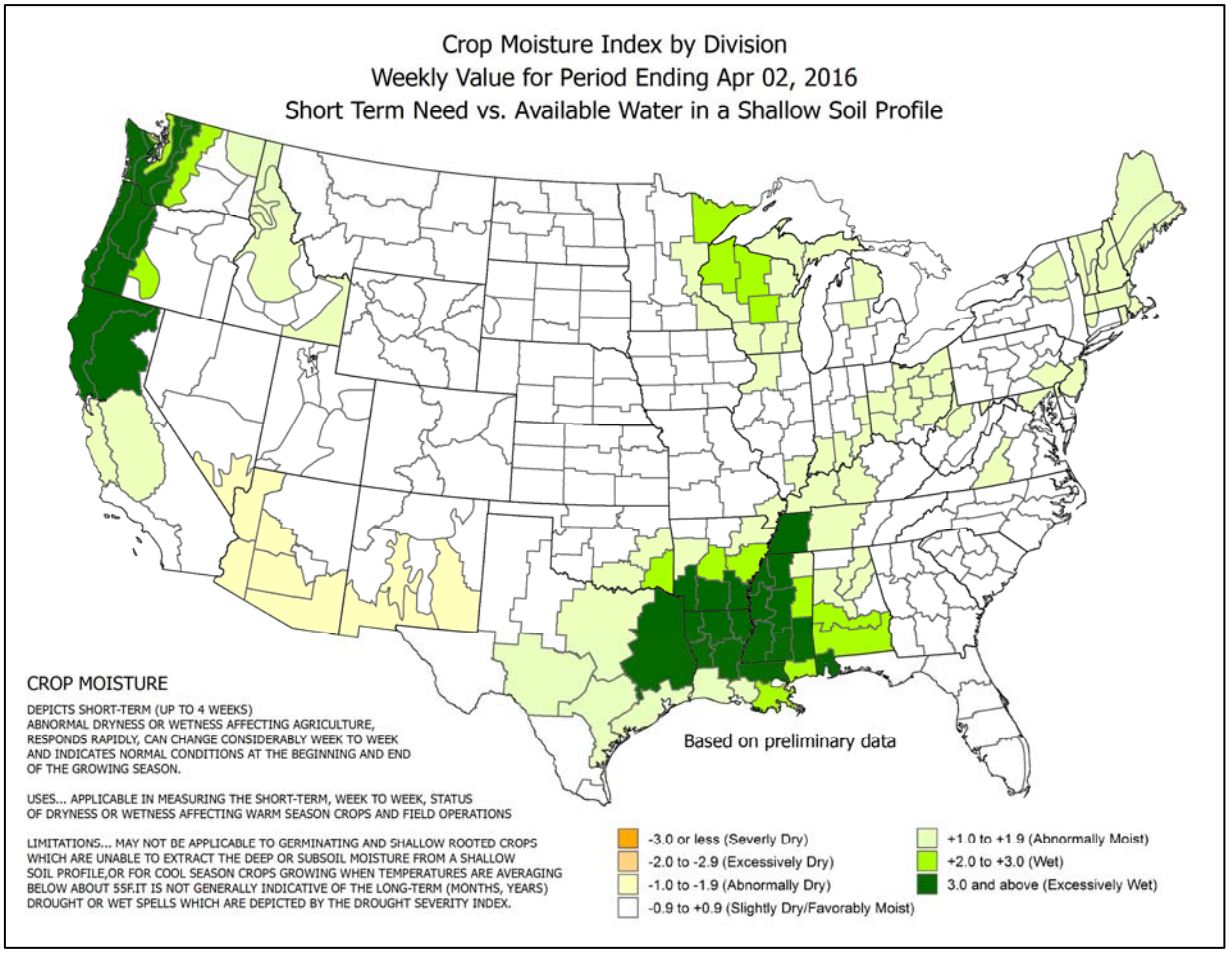
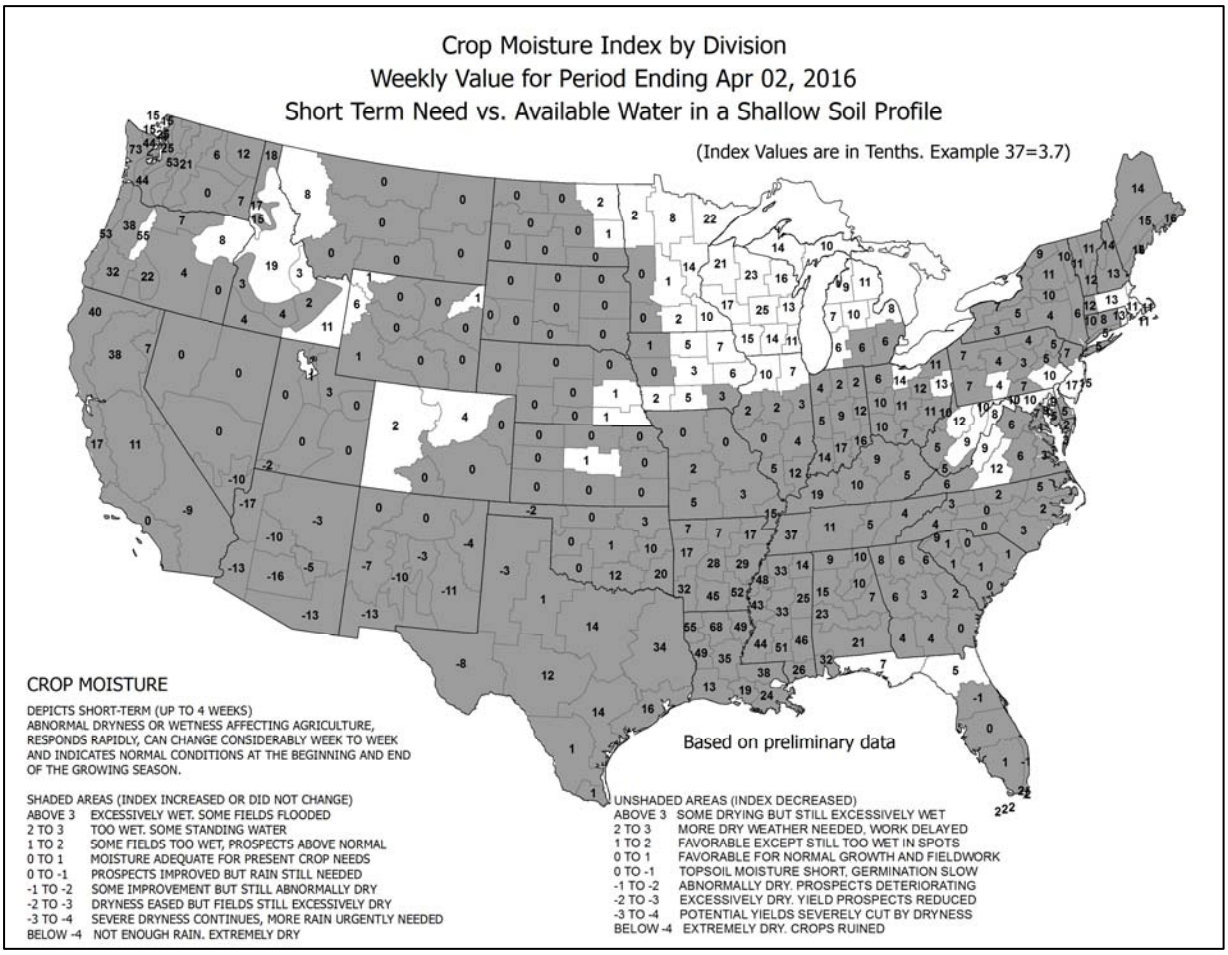
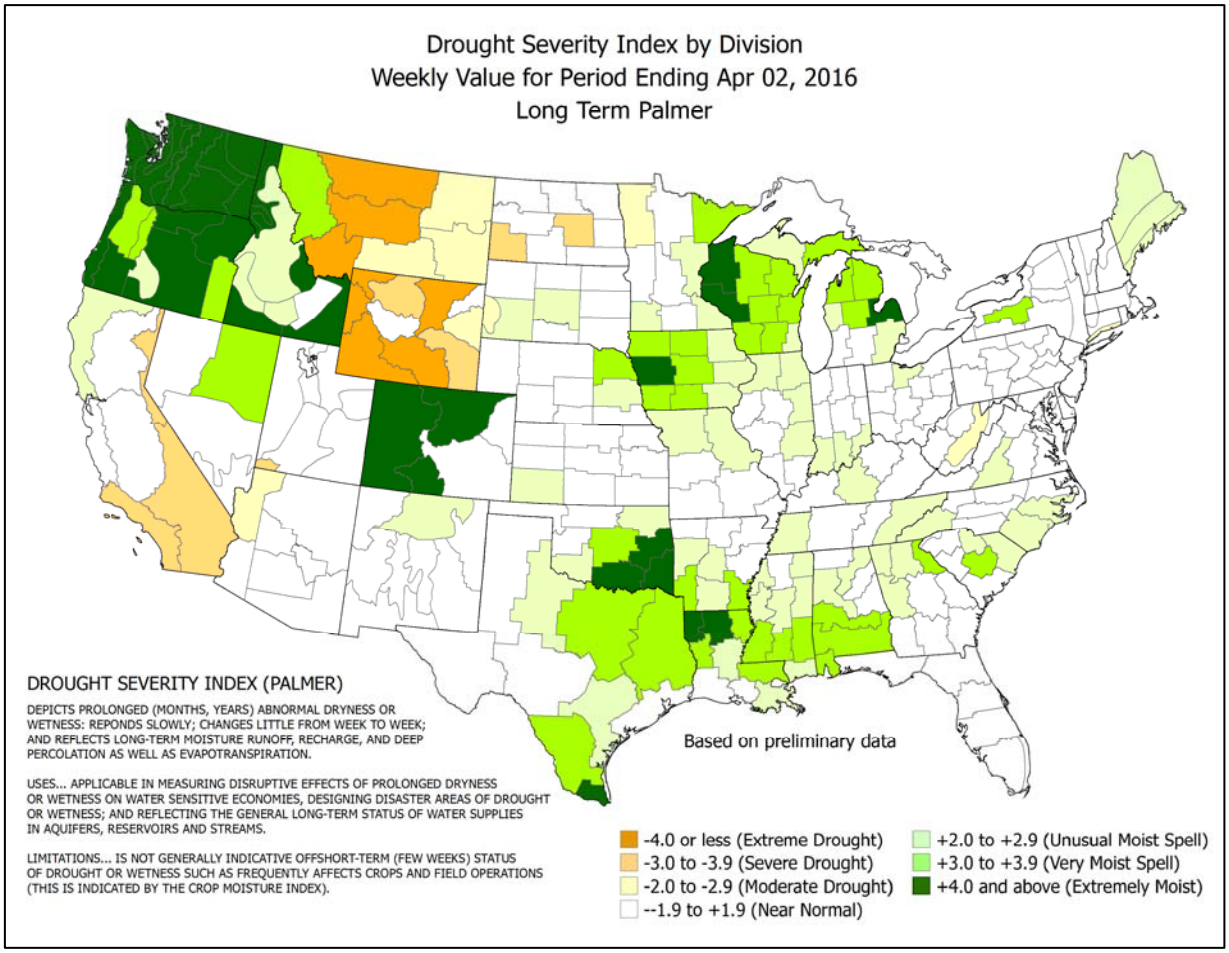
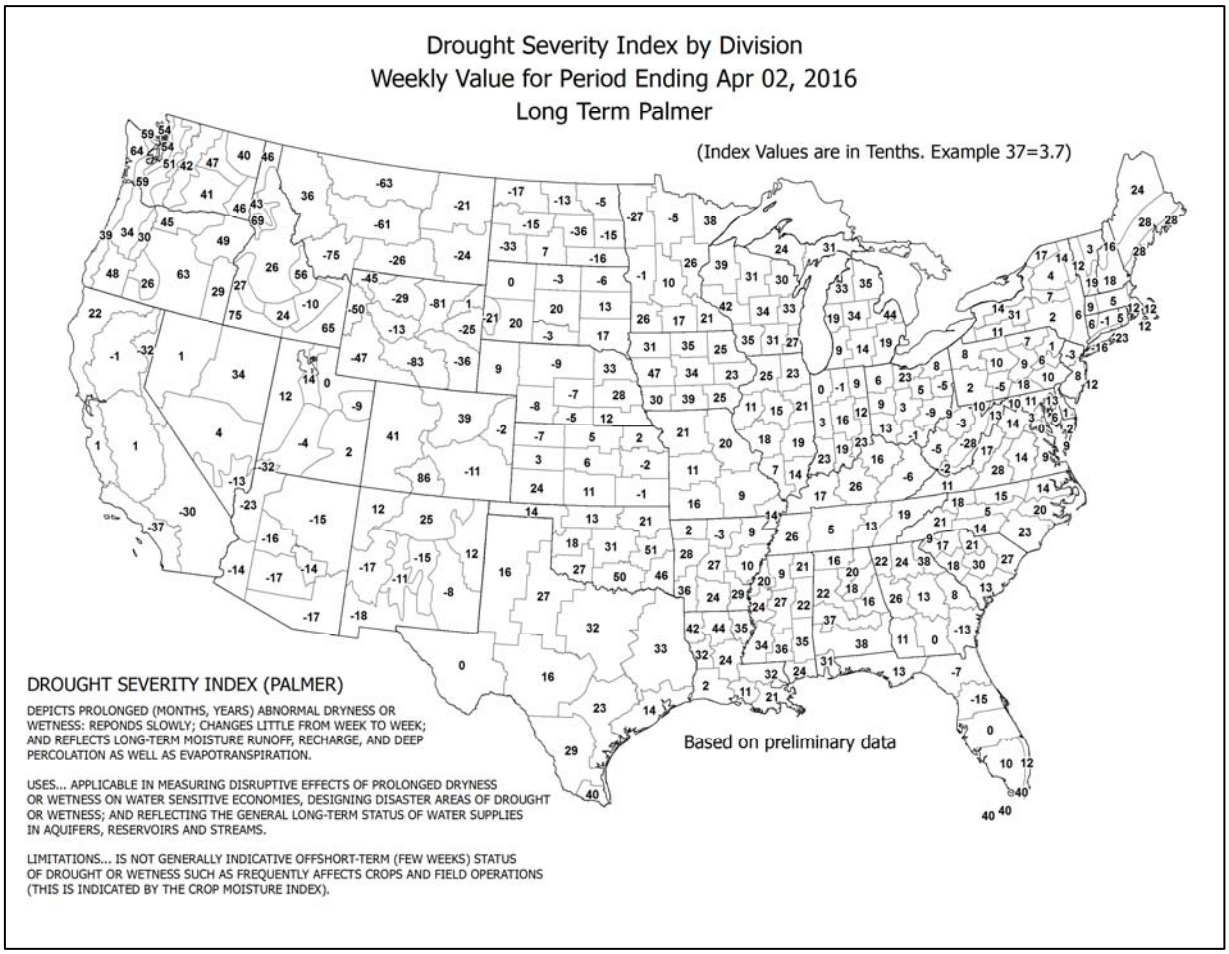

Crop Moisture Index by Division
Weekly Value for Period Ending Apr 02, 2016
Short Term Need vs. Available Water in a Shallow Soil Profile
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
USES... APPLICABLE IN MEASURING THE SHORT-TERM, WEEK TO WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS
LIMITATIONS... MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A SHALLOW SOIL PROFILE,OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55F.IT IS NOT GENERALLY INDICATIVE OF THE LONG-TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.
Based on preliminary data
-3.0 or less (Severly Dry)
-2.0 to -2.9 (Excessively Dry)
-1.0 to -1.9 (Abnormally Dry)
-0.9 to +0.9 (Slightly Dry/Favorably Moist)
+1.0 to +1.9 (Abnormally Moist)
+2.0 to +3.0 (Wet)
3.0 and above (Excessively Wet)


Crop Moisture Index by Division
Weekly Value for Period Ending Apr 02, 2016
Short Term Need vs. Available Water in a Shallow Soil Profile
(Index Values are in Tenths. Example 37=3.7)
CROP MOISTURE
DEPICTS SHORT-TERM (UP TO 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE, RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
SHADED AREAS (INDEX INCREASED OR DID NOT CHANGE)
ABOVE 3 EXCESSIVELY WET. SOME FIELDS FLOODED
2 TO 3 TOO WET. SOME STANDING WATER
1 TO 2 SOME FIELDS TOO WET, PROSPECTS ABOVE NORMAL
0 TO 1 MOISTURE ADEQUATE FOR PRESENT CROP NEEDS
0 TO -1 PROSPECTS IMPROVED BUT RAIN STILL NEEDED
-1 TO -2 SOME IMPROVEMENT BUT STILL ABNORMALLY DRY
-2 TO -3 DRYNESS EASED BUT FIELDS STILL EXCESSIVELY DRY
-3 TO -4 SEVERE DRYNESS CONTINUES, MORE RAIN URGENTLY NEEDED
BELOW -4 NOT ENOUGH RAIN. EXTREMELY DRY
UNSHADED AREAS (INDEX DECREASED)
ABOVE 3 SOME DRYING BUT STILL EXCESSIVELY WET
2 TO 3 MORE DRY WEATHER NEEDED. WORK DELAYED
1 TO 2 FAVORABLE EXCEPT STILL TOO WET IN SPOTS
0 TO 1 FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
0 TO -1 TOPSOIL MOISTURE SHORT. GERMINATION SLOW
-1 TO -2 ABNORMALLY DRY. PROSPECTS DETERIORATING
-2 TO -3 EXCESSIVELY DRY. YIELD PROSPECTS REDUCED
-3 TO -4 POTENTIAL YIELDS SEVERELY CUT BY DRYNESS
BELOW -4 EXTREMELY DRY. CROPS RUINED
Based on preliminary data


Drought Severity Index by Division
Weekly Value for Period Ending Apr 02, 2016
Long Term Palmer
DROUGHT SEVERITY INDEX (PALMER)
DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS: REPONDS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK; AND REFLECTS LONG-TERM MOISTURE RUNOFF, RECHARGE, AND DEEP PERCOLATION AS WELL AS EVAPOTRANSPIRATION.
USES... APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSITIVE ECONOMIES, DESIGNING DISASTER AREAS OF DROUGHT OR WETNESS; AND REFLECTING THE GENERAL LONG-TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS AND STREAMS.
LIMITATIONS... IS NOT GENERALLY INDICATIVE OFFSHORT-TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).
Based on preliminary data
-4.0 or less (Extreme Drought)
-3.0 to -3.9 (Severe Drought)
-2.0 to -2.9 (Moderate Drought)
--1.9 to +1.9 (Near Normal)
+2.0 to +2.9 (Unusual Moist Spell)
+3.0 to +3.9 (Very Moist Spell)
+4.0 and above (Extremely Moist)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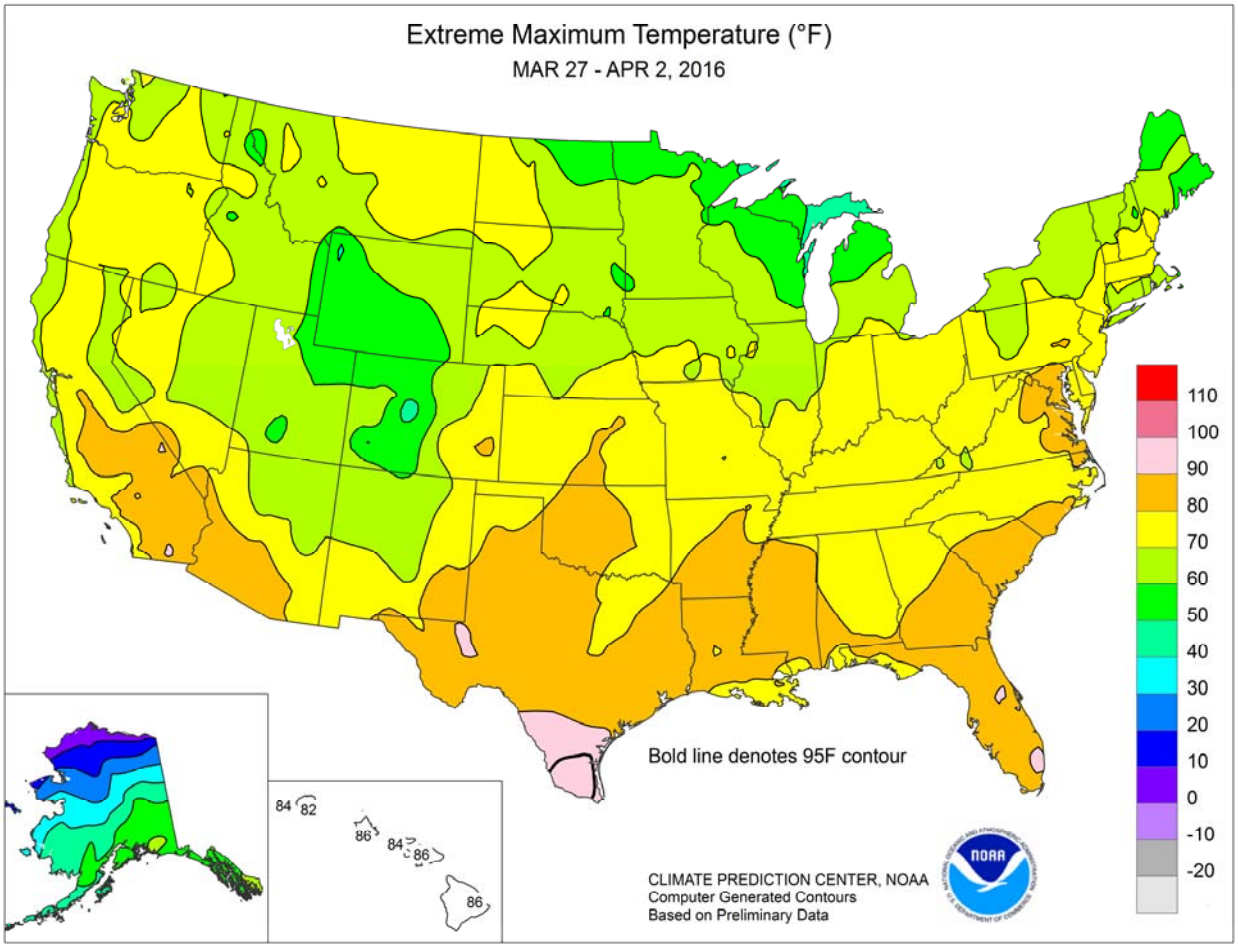
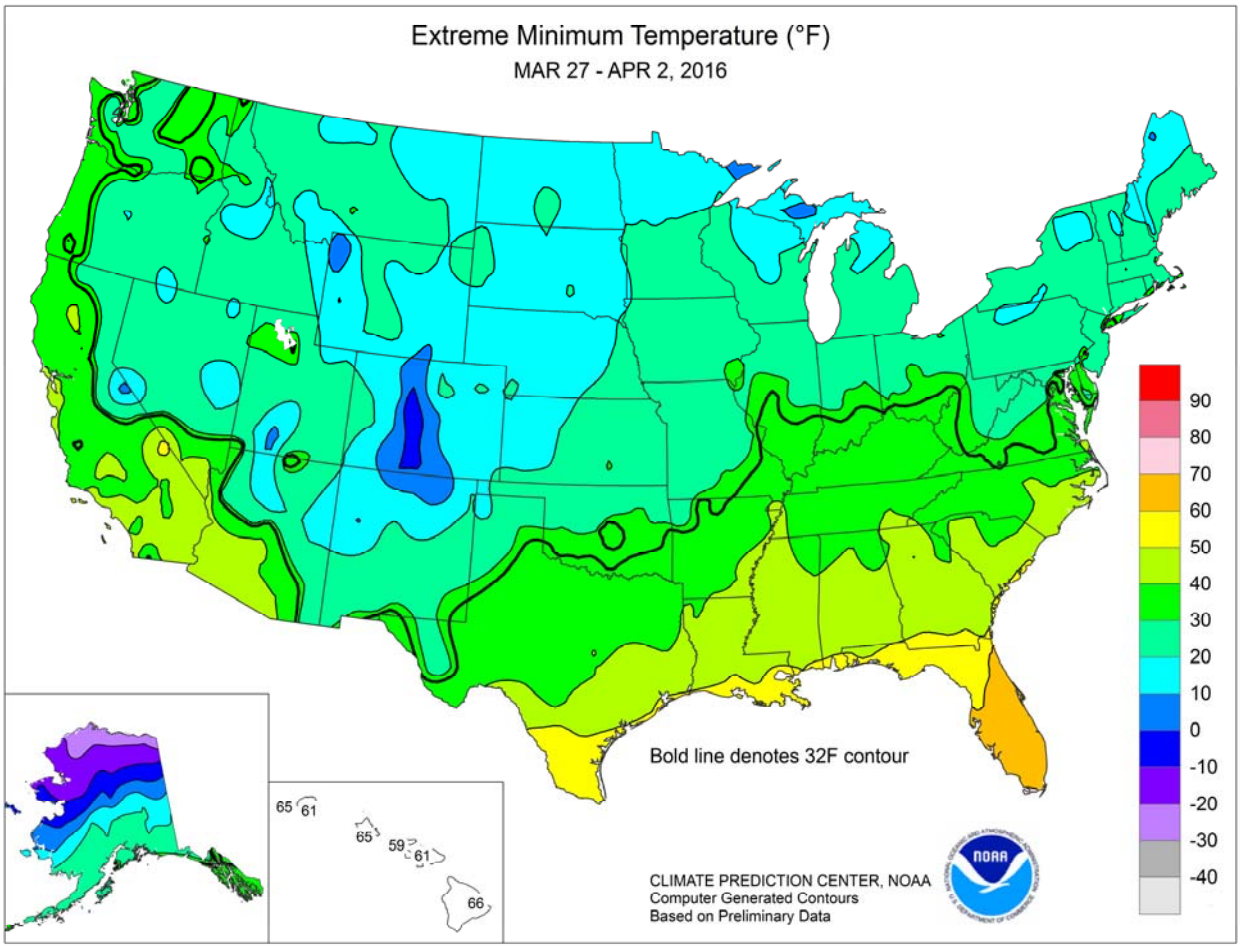
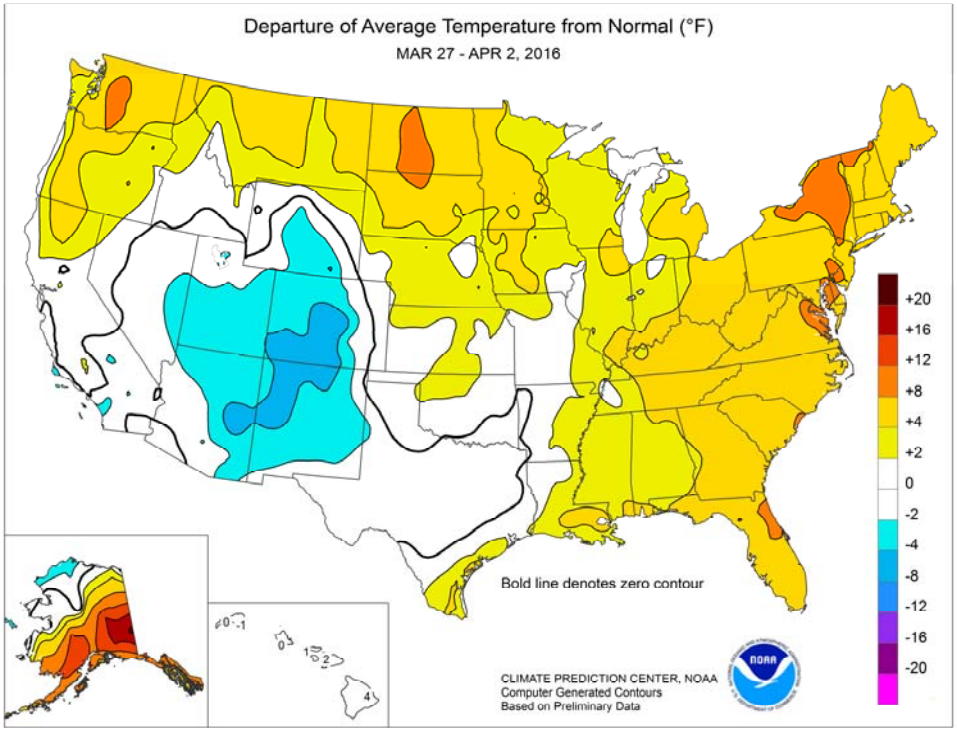

Extreme Maximum Temperature (°F)
MAR 27 - APR 2, 2016
110
100
90
80
70
60
50
40
30
20
10
0
-10
-20
Bold line denotes 95F contour
84
82
86
84
86
86
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data


Extreme Minimum Temperature (°F)
MAR 27 - APR 2, 2016
90
80
70
60
50
40
30
20
10
0
-10
-20
-30
-40
Bold line denotes 32F contour
65
61
65
59
61
66
CLIMATE PREDICTION CENTER, NOAA
Computer Generated Contours
Based on Preliminary Data

(Continued from front cover)

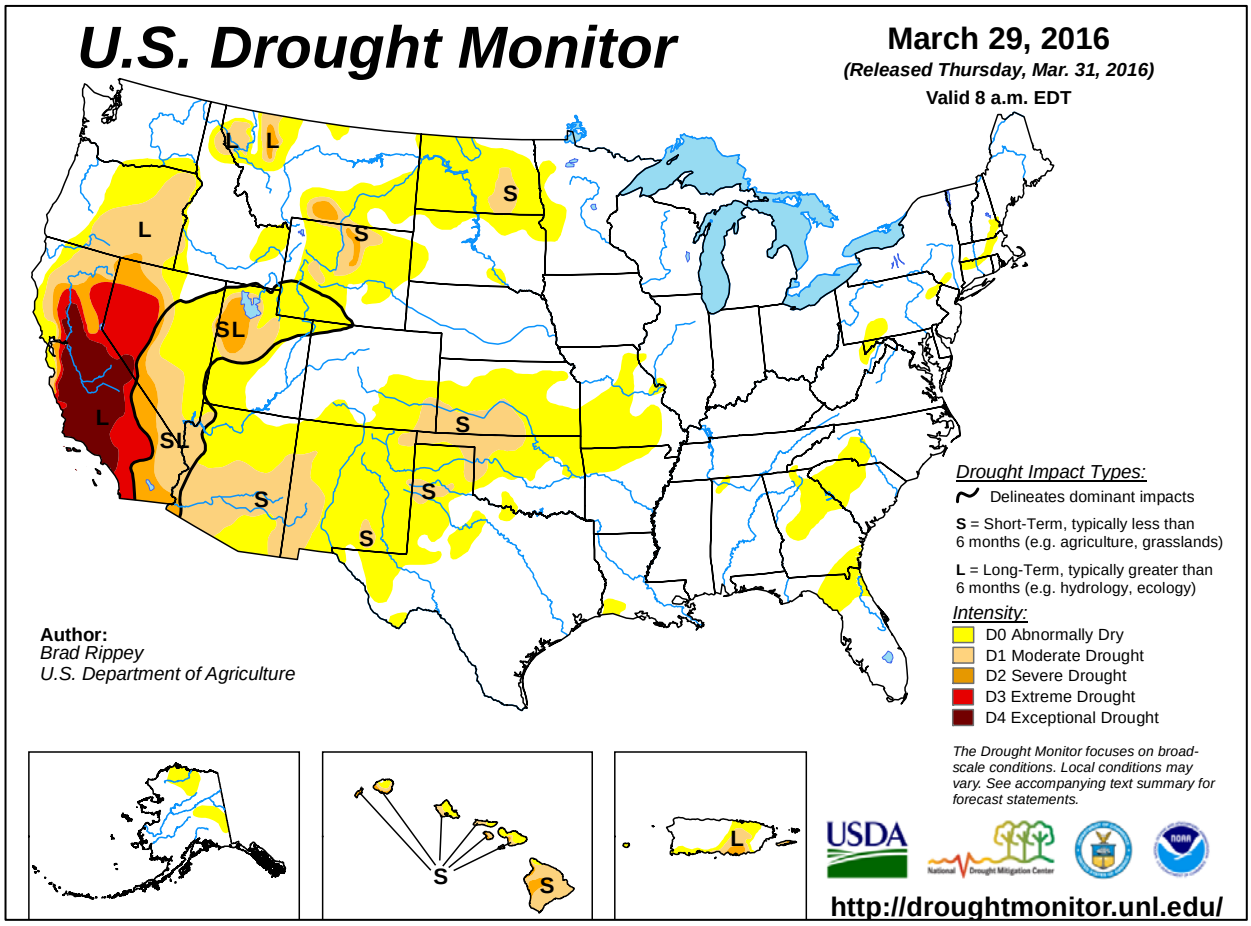
As the storm moved eastward, a band of precipitation, mostly rain, extended into the **Great Lakes region**. In the storm's wake, cooler-than-normal weather blanketed the **Four Corner States** and portions of the **Great Basin** and **Intermountain West**. Meanwhile, a late-week deluge eradicated short-term dryness in parts of the **Southeast**, where totals locally exceeded 4 inches. Farther north, however, only light precipitation fell in the **central Appalachians** and the **northern Mid-Atlantic States**. In advance of the rain, warmth dominated the **eastern U.S.** Weekly temperatures averaged as much as 10°F above normal in the **Northeast**, although sharply colder air began to overspread the **Midwestern and Northeastern States** at week's end. Mostly dry weather covered other sections of the country, including the **Pacific Coast States**. The **Sierra Nevada** reached the traditional peak snowpack date of April 1 with an average snow-water equivalency of 24 inches—roughly 85 percent of average.

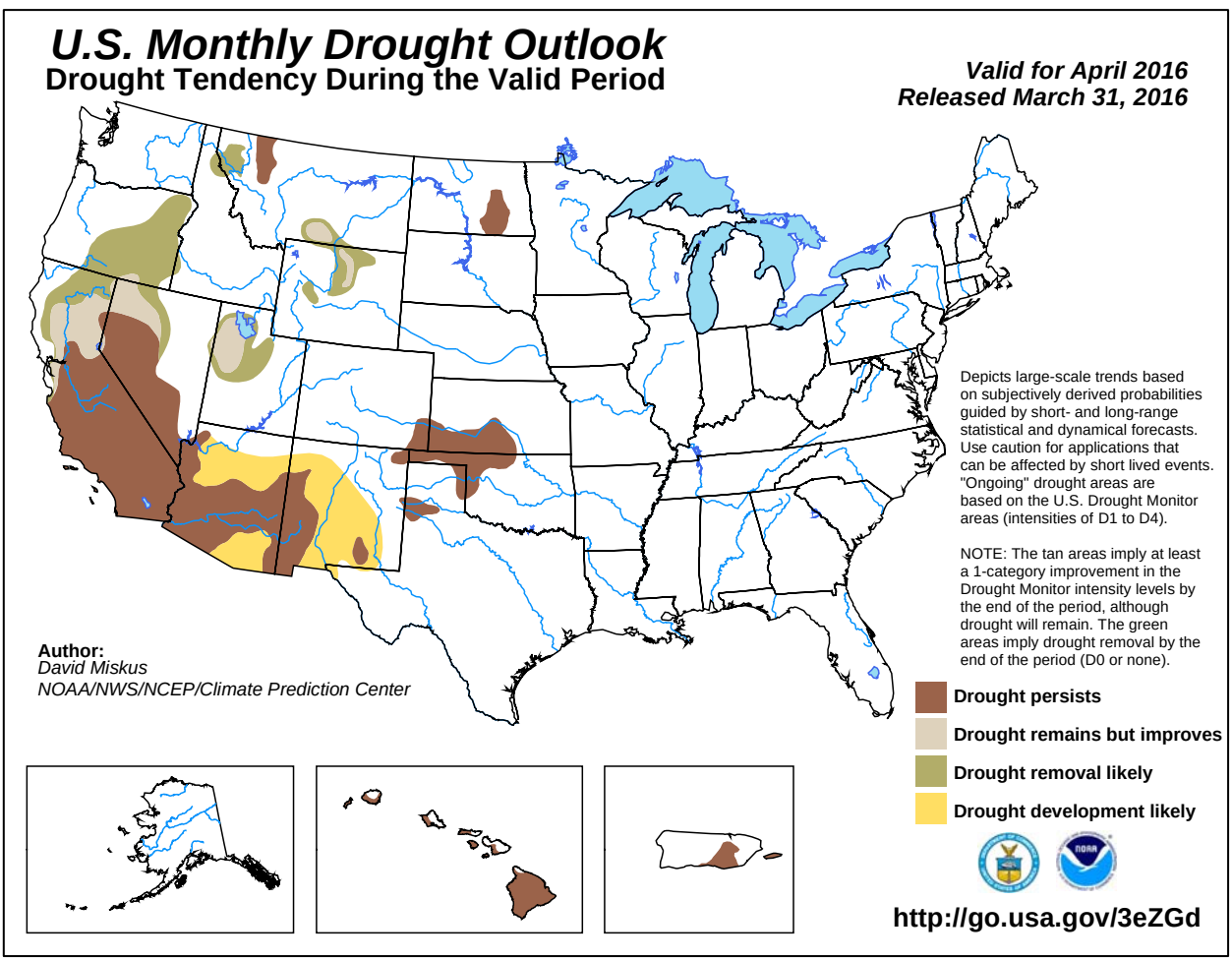


Early-week rainfall soaked portions of the **southern Atlantic region**, while snow dusted parts of the **central and southern Plains**. With a 3.98-inch total on the 27th, **Savannah, GA**, noted its wettest March day on record (previously, 3.57 inches on March 5, 1959). Meanwhile in **Kansas**, record-setting snowfall totals for March 27 included 3.5 inches in **Wichita** and 1.4 inches in **Topeka**. Still, large sections of the **central and southern Plains** remained dry. During the first 3 months of the year, precipitation in **Garden City, KS**, totaled 0.22 inch (9 percent of normal). Similarly, January-March totals included 0.69 inch (30 percent of normal) in **Guymon, OK**; 0.42 inch (28 percent) in **Albuquerque, NM**; and 0.41 inch (20 percent) in **Dalhart, TX**. On March 29, **Gallup, NM**, clocked a wind gust to 63 mph. In contrast, late-March snow blanketed the **northern Great Basin** and **northern Intermountain West**. Daily-record snowfall totals in **Nevada** for March 28 reached 13.0 inches in **Ely** and 6.8 inches in **Reno**. In **Wyoming**, March 28-31 snowfall totaled 23.2 inches in **Lander** and 16.6 inches in **Riverton**. **Lander** received 2.97 inches of precipitation during the 4-day event. Farther east, heavy rain and locally severe thunderstorms erupted across the **South**. In **Arkansas**, daily-record rainfall totals for March 30 included 4.94 inches in **North Little Rock**, 4.63 inches in **Pine Bluff**, and 4.45 inches in **Batesville**. Rain extended into parts of the **Midwest**, where daily-record totals reached 2.16 inches (on March 30) in **Springfield, IL**, and 1.38 inches (on March 31) in **Dayton, OH**. The last day of March featured a daily-record rainfall of 5.01 inches in **Greenwood, MS**. The late-month rainfall, in combination with the March 8-13 deluge, contributed to monthly precipitation records in locations such as **Monroe, LA** (24.38 inches; previously, 12.50 inches in 1980); **Greenville, MS** (17.32 inches; previously, 15.83 inches in 1973); and **North Little Rock, AR** (12.23 inches; previously, 10.09 inches in 1990). Heavy rain and strong thunderstorms moved into the **lower Southeast** on April 1, when daily-record amounts reached 5.42 inches in **Macon, GA**, and 4.00 inches in **New Orleans, LA**. **Macon** also experienced it wettest April day on record, supplanting 3.54 inches on April 8, 1964. At week's end, a blast of cold air swept across the **Midwest** and into the **Northeast**, accompanied by damage-inducing wind gusts in excess of 60 mph. On April 2, official gusts were clocked to 65 mph at **Virginia's Dulles Airport**, 63 mph in **Dayton, OH**, and 61 mph in **Martinsburg, WV**.

Intervals of warmth and cool weather persisted in many parts of the country. Another freeze struck portions of the **southern High Plains** on March 27, followed by a daily-record low (24°F on March 28) in **Fayetteville, AR**. **Garden City, KS**, warmed from a low of 15°F on March 27 to a high of 75°F the next day. During the second half of the week, warmth returned to the **Northwest** and developed in the **East**. On the last day of March, daily-record highs climbed to 78°F in **The Dalles, OR**, and **Yakima, WA**. Heat briefly affected **southern Texas**, where **McAllen** logged a daily-record high of 100°F on March 31. Farther east, record-setting highs for April 1 surged to 83°F in **Norfolk, VA**, and 78°F in **Poughkeepsie, NY**. However, cold air and snow squalls sweeping across the **Great Lakes region** brought 15.3 inches of snow to **Marquette, MI**, during the first 3 days of the new month, including a daily-record sum (7.7 inches) on April 2. Significant snow overspread parts of the **Northeast** on April 3.

Alaska's spell of phenomenal warmth continued across the southern half of the state, but cooler air arrived in northern areas. From March 30 – April 1, locations such as **Delta Junction** (60, 56, and 52°F) and **Anchorage** (50, 53, and 51°F) noted three consecutive daily-record highs. **Anchorage** also set a monthly record (53°F on March 31), eclipsing its standard of 51°F set on March 11, 1984, and March 24, 2016. In **southeastern Alaska**, daily-record highs for March 31 soared to 71°F in **Klawock** and 65°F in **Ketchikan**. **Juneau** posted consecutive daily-record highs of 58°F on March 31 – April 1. In fact, it was the warmest March on record at a number of locations in **southeastern Alaska**, including **Ketchikan** (43.8°F; previously, 43.5°F in 1915) and **Juneau** (39.9°F; previously, 39.6°F in 1984). As the **Alaskan** temperature contrast increased, precipitation became heavier. Daily-record precipitation totals included 0.33 inch (on March 31) in **Bethel** and 0.30 inch (on March 29) in **Fairbanks**. **Yakutat** measured a weekly rainfall total of 6.25 inches, including 5.28 inches on March 28-29. On the mainland, weekly totals included 1.39 inches in **King Salmon** and 1.31 inches in **McGrath**. Farther south, **Hawaii** experienced a week of warm, mostly dry weather. On the **Big Island**, **Hilo** posted a daily record-tying high of 86°F on March 29. **Hilo** also ended the month with 4.89 inches of rain, just 36 percent of the normal March precipitation. **Honolulu, Oahu**, received a monthly total of 0.22 inch (11 percent of normal), leaving its January-March rainfall at 0.65 inch (10 percent).


U.S. Drought Monitor
March 29, 2016
(Released Thursday, Mar. 31, 2016)
Valid 8 a.m. EDT
Author:
Brad Rippey
U.S. Department of Agriculture
Drought Impact Types:
Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)
Intensity:
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.
http://droughtmonitor.unl.edu/


U.S. Monthly Drought Outlook
Drought Tendency During the Valid Period
Valid for April 2016
Released March 31, 2016
Author:
David Miskus
NOAA/NWS/NCEP/Climate Prediction Center
Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).
NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).
Drought persists
Drought remains but improves
Drought removal likely
Drought development likely
http://go.usa.gov/3eZGd

National Weather Data for Selected Cities

Weather Data for the Week Ending April 2, 2016

Data Provided by Climate Prediction Center

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS TEMP. °F		NUMBER OF DAYS PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR 1	PCT. NORMAL SINCE MAR 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL	BIRMINGHAM	71	53	78	43	62	5	1.25	-0.06	0.90	5.98	93	16.72	104	85	42	0	0	3	1
	HUNTSVILLE	70	50	78	40	60	4	1.85	0.52	1.85	4.49	64	14.44	82	74	52	0	0	1	1
	MOBILE	75	58	81	50	67	4	3.13	1.64	2.42	11.69	154	21.14	115	98	73	0	0	3	2
	MONTGOMERY	76	55	79	46	65	5	1.77	0.51	0.91	5.01	74	15.67	91	85	50	0	0	3	2
AK	ANCHORAGE	47	34	53	28	40	10	0.43	0.32	0.23	1.23	181	1.81	86	88	65	0	2	3	0
	BARROW	-6	-21	1	-28	-14	-4	0.00	0.00	0.00	0.13	144	1.29	391	88	72	0	7	0	0
	FAIRBANKS	42	26	48	19	34	15	0.00	-0.04	0.00	0.00	0	0.06	5	87	73	0	7	0	0
	JUNEAU	51	39	58	32	45	9	1.04	0.37	0.33	2.44	66	12.23	98	95	86	0	1	6	0
	KODIAK	46	38	48	29	42	8	0.81	-0.35	0.27	6.85	123	30.14	155	92	83	0	1	6	0
	NOME	21	5	30	-6	13	1	0.37	0.24	0.30	0.41	64	1.43	62	76	66	0	7	2	0
AZ	FLAGSTAFF	51	21	60	15	36	-3	0.15	-0.29	0.07	0.38	14	4.16	56	82	25	0	7	3	0
	PHOENIX	78	55	87	50	67	2	0.00	-0.16	0.00	0.00	0	1.31	48	33	20	0	0	0	0
	PRESCOTT	60	33	72	27	47	1	0.00	-0.28	0.00	0.16	8	1.64	30	62	19	0	4	0	0
	TUCSON	74	48	84	40	61	-1	0.00	-0.09	0.00	0.12	14	1.83	68	41	24	0	0	0	0
AR	FORT SMITH	67	43	75	33	55	-1	0.66	-0.21	0.61	5.32	127	7.47	82	79	29	0	0	2	1
	LITTLE ROCK	71	48	85	40	60	3	4.11	2.89	4.00	12.34	236	18.03	148	81	32	0	0	2	1
CA	BAKERSFIELD	75	48	86	44	62	3	0.00	-0.24	0.00	0.45	31	2.58	67	57	35	0	0	0	0
	FRESNO	72	48	83	40	60	3	0.00	-0.37	0.00	2.93	127	7.69	117	76	48	0	0	0	0
	LOS ANGELES	65	53	69	49	59	0	0.08	-0.26	0.08	1.48	59	5.15	60	82	57	0	0	1	0
	REDDING	73	46	77	42	59	5	0.00	-0.93	0.00	9.69	179	23.28	134	68	44	0	0	0	0
	SACRAMENTO	70	46	76	41	58	2	0.00	-0.45	0.00	5.07	174	11.33	110	83	40	0	0	0	0
	SAN DIEGO	67	56	71	52	61	0	0.04	-0.37	0.04	0.48	20	3.74	56	69	56	0	0	1	0
	SAN FRANCISCO	63	51	67	47	57	2	0.00	-0.54	0.00	5.16	152	11.59	98	88	73	0	0	0	0
	STOCKTON	72	44	79	39	58	1	0.02	-0.37	0.02	3.54	149	8.93	118	80	49	0	0	1	0
CO	ALAMOSA	48	12	58	-3	30	-6	0.04	-0.07	0.04	0.52	106	1.50	158	84	47	0	7	1	0
	CO SPRINGS	55	26	69	16	41	0	0.00	-0.29	0.00	0.73	63	2.27	128	70	19	0	6	0	0
	DENVER INTL	54	29	65	23	42	1	0.09	-0.06	0.04	0.91	98	1.89	136	75	33	0	6	3	0
	GRAND JUNCTION	55	31	64	26	43	-3	0.28	0.07	0.18	1.07	101	2.44	113	75	44	0	6	3	0
	PUEBLO	63	26	77	15	45	0	0.00	-0.25	0.00	0.58	56	1.45	89	70	28	0	5	0	0
CT	BRIDGEPORT	56	41	65	32	49	6	1.09	0.11	0.57	2.67	60	9.83	89	80	52	0	1	4	1
	HARTFORD	58	38	72	29	48	6	0.83	-0.08	0.63	2.39	58	9.23	84	78	48	0	3	4	1
DC	WASHINGTON	68	49	83	41	59	8	0.49	-0.23	0.32	1.32	35	7.79	81	77	42	0	0	4	0
DE	WILMINGTON	65	44	78	30	54	7	0.69	-0.16	0.42	2.02	48	8.74	84	83	42	0	1	4	0
FL	DAYTONA BEACH	83	67	89	61	75	9	0.25	-0.58	0.17	1.03	25	11.75	118	96	55	0	0	4	0
	JACKSONVILLE	82	60	88	52	71	7	2.06	1.18	1.35	3.18	76	10.83	98	99	51	0	0	3	2
	KEY WEST	82	75	83	72	79	4	0.00	-0.46	0.00	0.30	15	7.38	129	99	83	0	0	0	0
	MIAMI	87	74	91	69	81	7	0.41	-0.28	0.35	0.66	24	11.08	165	89	62	2	0	3	0
	ORLANDO	83	68	89	64	76	7	0.90	0.13	0.41	5.73	153	13.07	153	92	64	0	0	4	0
	PENSACOLA	73	63	77	59	68	5	0.00	-1.32	0.00	0.00	0	8.65	52	89	65	0	0	0	0
	TALLAHASSEE	78	60	83	54	69	6	5.97	4.69	2.82	9.95	146	18.64	111	93	63	0	0	3	3
	TAMPA	82	68	85	63	75	6	1.09	0.56	0.68	2.45	82	11.16	141	94	69	0	0	3	1
	WEST PALM BEACH	85	72	90	66	78	6	2.00	1.07	1.83	2.42	61	14.97	146	88	67	1	0	2	1
GA	ATHENS	71	52	76	40	62	5	1.68	0.70	1.19	3.26	62	11.42	80	94	67	0	0	4	1
	ATLANTA	70	54	73	45	62	5	1.53	0.48	1.04	3.42	60	15.95	104	83	56	0	0	4	1
	AUGUSTA	76	54	82	40	65	6	5.52	4.58	3.93	7.16	147	12.58	93	97	56	0	0	4	2
	COLUMBUS	73	54	79	44	64	4	4.08	2.92	3.58	6.22	102	13.65	89	90	47	0	0	3	1
	MACON	74	53	80	41	64	5	5.96	5.00	5.17	8.18	159	13.90	95	95	54	0	0	4	1
	SAVANNAH	78	58	83	49	68	6	5.36	4.48	3.98	6.38	164	12.79	119	92	60	0	0	5	3
HI	HILO	85	68	86	66	77	5	0.02	-3.48	0.01	4.92	32	9.50	28	79	63	0	0	2	0
	HONOLULU	83	68	86	65	75	0	0.00	-0.31	0.00	0.22	11	0.66	9	81	69	0	0	0	0
	KAHULUI	85	65	86	61	75	2	0.01	-0.51	0.01	1.95	78	3.50	41	87	74	0	0	1	0
	LIHUE	81	64	82	61	73	0	0.03	-0.73	0.03	2.63	69	3.80	33	86	75	0	0	1	0
ID	BOISE	63	37	73	28	50	3	0.00	-0.30	0.00	1.16	77	2.66	66	70	43	0	1	0	0
	LEWISTON	64	38	74	32	51	4	0.09	-0.16	0.07	2.13	179	3.70	113	79	59	0	1	2	0
	POCATELLO	54	32	66	27	43	2	0.59	0.31	0.26	3.02	207	4.30	119	85	60	0	3	4	0
IL	CHICAGO/O'HARE	56	36	67	27	46	4	0.94	0.18	0.39	3.45	120	5.52	88	82	56	0	2	5	0
	MOLINE	57	37	71	29	47	3	0.58	-0.22	0.33	2.63	83	3.96	63	76	55	0	1	4	0
	PEORIA	57	38	68	32	48	3	0.68	-0.02	0.31	2.43	80	3.81	61	86	49	0	1	3	0
	ROCKFORD	55	36	67	29	46	5	0.96	0.25	0.48	4.04	155	5.57	104	82	60	0	2	4	0
	SPRINGFIELD	60	40	70	33	50	4	2.58	1.84	2.16	5.60	167	7.93	117	89	41	0	0	3	1
IN	EVANSVILLE	66	43	77	38	55	5	1.14	0.15	0.67	5.87	128	12.21	115	81	46	0	0	3	1
	FORT WAYNE	57	35	74	28	46	3	1.68	0.94	0.62	4.13	134	7.18	102	88	56	0	3	5	2
	INDIANAPOLIS	61	39	76	30	50	4	1.35	0.55	0.87	4.20	114	7.91	92	85	47	0	1	3	1
	SOUTH BEND	54	33	70	23	44	2	1.65	0.88	0.64	4.27	137	8.05	109	87	66	0	3	6	1
IA	BURLINGTON	56	37	67	30	46	1	0.94	0.20	0.46	3.30	104	4.68	78	92	49	0	2	4	0
	CEDAR RAPIDS	55	33	69	25	44	2	0.18	-0.46	0.13	1.85	76	3.38	74	93	49	0	3	2	0
	DES MOINES	59	38	73	28	48	4	0.11	-0.54	0.09	2.01	83	3.78	82	70	49	0	2	2	0
	DUBUQUE	53	34	67	26	43	3	0.53	-0.17	0.18	2.59	94	3.67	67	85	64	0	3	4	0
	SIOUX CITY	55	34	66	26	45	3	0.30	-0.24	0.27	2.48	115	4.32	128	80	56	0	3	3	0
	WATERLOO	53	32	66	23	43	3	0.89	0.28	0.35	3.26	141	4.98	119	83	55	0	5	3	0
KS	CONCORDIA	63	35	75	27	49	2	0.00	-0.53	0.00	0.45	18	2.00	51	73	39	0	3	0	0
	DODGE CITY	65	32	71	19	49	1	0.00	-0.47	0.00	0.04	2	0.63	19	74	25	0	4	0	0
	GOODLAND	62	29	76	20	46	3	0.00	-0.25	0.00	0.28	22	1.14	53	77	37	0	5	0	0
	TOPEKA	64	38	72	29	51	2	0.31	-0.32	0.27	2.34	85	3.61	74	78	42	0	2	2	0

Based on 1971-2000 normals

***** Not Available**

Weather Data for the Week Ending April 2, 2016

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS			
																	TEMP. °F		PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR 1	PCT. NORMAL SINCE MAR 1	TOTAL, IN., SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	WICHITA	68	38	81	27	53	3	0.53	-0.08	0.53	1.54	53	2.28	48	68	37	0	3	1	1
KY	JACKSON	68	46	77	35	57	6	0.83	-0.05	0.37	2.35	51	11.92	101	75	34	0	0	3	0
	LEXINGTON	65	44	74	34	55	5	0.40	-0.51	0.23	2.31	50	8.65	77	76	50	0	0	3	0
	LOUISVILLE	68	46	79	39	57	6	2.04	1.12	1.20	5.51	118	11.33	101	79	39	0	0	3	2
	PADUCAH	69	43	77	37	56	4	3.15	2.15	1.99	9.21	202	14.67	123	87	39	0	0	3	2
LA	BATON ROUGE	76	59	81	46	68	5	1.59	0.38	1.29	10.30	190	19.61	117	90	55	0	0	3	1
	LAKE CHARLES	76	60	81	48	68	4	2.14	1.34	1.40	3.62	96	9.79	78	91	63	0	0	4	1
	NEW ORLEANS	76	64	80	57	70	5	6.03	4.80	4.00	9.22	165	17.35	102	85	71	0	0	3	2
	SHREVEPORT	74	52	86	42	63	2	0.46	-0.47	0.37	12.95	291	17.97	136	87	43	0	0	2	0
ME	CARIBOU	43	29	54	16	36	6	2.32	1.74	0.77	5.32	194	10.79	139	89	63	0	4	5	3
	PORTLAND	53	36	72	24	44	6	1.05	0.05	0.92	4.50	102	12.04	103	86	54	0	3	3	1
MD	BALTIMORE	66	45	83	30	55	7	0.45	-0.34	0.27	2.25	54	11.45	108	80	53	0	1	4	0
MA	BOSTON	57	41	71	34	49	6	0.78	-0.10	0.41	3.58	87	11.02	97	79	47	0	0	3	0
	WORCESTER	62	36	129	27	49	11	1.08	0.11	0.79	3.78	84	11.16	96	86	57	1	3	3	1
MI	ALPENA	42	29	53	20	36	3	2.43	1.91	1.86	5.66	248	10.19	189	***	***	0	5	6	1
	GRAND RAPIDS	55	34	68	25	44	5	1.99	1.27	0.74	5.32	190	10.25	161	94	50	0	2	6	1
	HOUGHTON LAKE	48	28	57	19	38	4	1.84	1.32	1.16	4.69	213	7.81	154	86	59	0	5	6	1
	LANSING	54	33	70	24	44	5	1.72	1.04	1.11	4.69	185	7.84	140	83	63	0	2	6	1
	MUSKEGON	52	33	65	26	42	4	2.53	1.90	1.24	5.28	208	9.49	150	80	55	0	3	6	2
	TRAVERSE CITY	47	32	58	24	40	4	1.91	1.33	1.16	3.91	182	7.69	111	92	49	0	3	6	1
MN	DULUTH	40	26	53	17	33	2	0.69	0.23	0.37	3.89	214	5.78	153	86	68	0	6	5	0
	INT'L FALLS	45	22	59	12	34	4	0.20	-0.06	0.14	2.76	265	4.12	163	87	43	0	6	3	0
	MINNEAPOLIS	49	34	64	26	42	4	0.82	0.30	0.42	2.32	115	3.72	97	80	57	0	4	5	0
	ROCHESTER	48	33	62	27	40	4	1.47	0.90	0.71	3.88	189	5.28	141	91	71	0	4	5	2
	ST. CLOUD	49	31	66	23	40	6	0.63	0.17	0.23	1.50	91	2.46	82	93	41	0	5	5	0
MS	JACKSON	73	54	84	43	64	4	2.03	0.63	1.49	12.32	201	23.91	147	83	52	0	0	3	1
	MERIDIAN	73	50	81	42	62	2	3.33	1.83	2.89	12.41	169	19.90	107	93	57	0	0	2	1
	TUPELO	71	49	82	38	60	4	3.47	2.17	3.33	7.98	120	15.15	92	74	50	0	0	3	1
MO	COLUMBIA	62	39	75	30	51	2	0.64	-0.16	0.45	1.90	55	3.55	48	86	46	0	2	3	0
	KANSAS CITY	62	38	73	29	50	2	1.00	0.43	1.00	2.72	104	3.88	77	79	38	0	3	1	1
	SAINT LOUIS	64	43	73	36	54	4	1.23	0.40	0.55	2.34	61	3.93	48	75	46	0	0	4	1
	SPRINGFIELD	64	38	72	26	51	1	1.04	0.06	0.80	2.96	72	4.24	50	79	46	0	3	3	1
MT	BILLINGS	55	34	73	30	45	5	1.08	0.78	0.56	1.56	129	2.09	81	78	47	0	1	4	1
	BUTTE	49	25	63	18	37	3	0.00	-0.19	0.00	0.46	52	0.93	49	85	35	0	7	0	0
	CUT BANK	54	29	68	19	41	6	0.10	-0.04	0.09	0.17	29	0.65	52	91	38	0	5	2	0
	GLASGOW	60	27	74	20	43	7	0.04	-0.07	0.04	0.48	96	1.15	104	78	39	0	5	1	0
	GREAT FALLS	56	29	72	21	43	6	0.09	-0.16	0.09	0.51	47	1.16	51	84	34	0	5	1	0
	HAVRE	58	27	76	19	43	6	0.18	0.04	0.17	0.41	55	0.86	55	88	54	0	6	2	0
	MISSOULA	57	28	71	24	43	2	0.03	-0.16	0.02	0.88	86	1.99	70	80	54	0	6	2	0
NE	GRAND ISLAND	59	34	69	18	47	4	0.15	-0.37	0.08	0.52	24	2.70	79	73	45	0	3	3	0
	LINCOLN	62	35	81	23	49	4	0.05	-0.52	0.03	0.97	41	2.56	69	75	50	0	4	3	0
	NORFOLK	53	31	64	14	42	0	0.41	-0.10	0.31	1.55	73	3.70	107	78	60	0	3	4	0
	NORTH PLATTE	60	26	70	10	43	1	0.02	-0.29	0.02	0.24	18	1.50	67	86	37	0	5	1	0
	OMAHA	61	37	75	27	49	4	0.09	-0.46	0.04	1.08	47	2.80	73	75	46	0	2	3	0
	SCOTTSBLUFF	56	29	70	14	42	1	0.88	0.58	0.70	1.09	87	1.86	78	81	49	0	4	2	1
	VALENTINE	57	29	71	13	43	4	0.42	0.13	0.29	0.74	62	1.42	72	77	50	0	5	4	0
NV	ELY	48	23	62	12	35	-3	0.33	0.13	0.19	0.68	61	3.71	143	79	58	0	7	2	0
	LAS VEGAS	72	51	80	46	61	0	0.00	-0.06	0.00	0.00	0	0.55	29	33	22	0	0	0	0
	RENO	62	35	76	30	48	3	0.68	0.56	0.68	0.98	110	3.10	103	71	45	0	3	1	1
	WINNEMUCCA	56	29	72	25	43	0	0.28	0.09	0.16	0.77	84	2.88	122	90	51	0	7	2	0
NH	CONCORD	57	34	77	23	46	8	0.79	0.07	0.59	2.86	88	8.64	101	77	48	0	4	4	1
NJ	NEWARK	64	44	80	33	54	8	0.57	-0.37	0.38	1.57	35	9.62	84	75	45	0	0	2	0
NM	ALBUQUERQUE	62	36	70	28	49	-2	0.00	-0.11	0.00	0.00	0	0.42	27	47	18	0	2	0	0
NY	ALBANY	58	38	71	27	48	8	0.41	-0.34	0.36	1.23	37	6.54	82	72	44	0	2	2	0
	BINGHAMTON	55	34	69	24	45	8	0.76	0.03	0.34	1.83	58	7.54	92	77	61	0	3	3	0
	BUFFALO	57	35	70	28	46	7	0.99	0.27	0.46	3.39	106	8.67	99	84	48	0	4	4	0
	ROCHESTER	60	35	70	28	47	8	0.51	-0.12	0.23	1.95	71	7.25	102	77	58	0	4	4	0
	SYRACUSE	59	34	69	27	47	9	0.71	-0.05	0.27	2.80	86	9.52	120	85	44	0	4	4	0
NC	ASHEVILLE	65	47	72	34	56	6	1.03	0.08	0.48	2.11	44	11.09	87	83	51	0	0	4	0
	CHARLOTTE	71	50	77	35	60	4	0.67	-0.20	0.34	1.12	24	7.90	65	89	47	0	0	5	0
	GREENSBORO	69	50	74	41	60	7	1.46	0.65	1.26	2.03	50	8.16	76	87	46	0	0	5	1
	HATTERAS	70	59	75	50	64	9	2.73	1.69	0.92	6.32	121	19.43	129	87	57	0	0	5	3
	RALEIGH	71	53	78	42	62	8	1.06	0.29	0.72	4.29	101	10.69	91	86	54	0	0	4	1
	WILMINGTON	74	56	82	44	65	7	1.23	0.42	0.74	3.22	73	15.28	121	91	52	0	0	5	1
ND	BISMARCK	60	29	70	22	45	10	0.23	0.00	0.20	0.47	51	1.11	59	83	53	0	4	3	0
	DICKINSON	57	25	71	17	41	6	0.15	-0.12	0.08	0.26	33	0.68	43	84	29	0	6	2	0
	FARGO	53	28	70	18	41	7	0.37	0.09	0.30	0.75	60	1.74	67	83	29	0	5	2	0
	GRAND FORKS	49	24	57	16	36	4	0.03	-0.19	0.02	0.57	60	1.14	52	87	38	0	7	2	0
	JAMESTOWN	54	27	65	19	40	6	0.04	-0.20	0.03	0.37	39	0.56	27	84	31	0	5	2	0
	WILLISTON	57	25	75	19	41	7	0.09	-0.09	0.03	0.19	24	1.32	76	86	46	0	6	3	0
OH	AKRON-CANTON	61	36	75	26	49	7	1.68	0.96	0.75	5.08	152	9.67	119	77	50	0	3	5	1
	CINCINNATI	63	42	76	32	53	5	2.20	1.29	1.40	5.34	128	11.97	122	81	53	0	1	2	2
	CLEVELAND	61	37	75	30	49	7	1.24	0.51	0.38	4.48	142	9.07	115	84	51	0	4	6	0
	COLUMBUS	62	41	75	30	51	5	1.12	0.43	0.49	4.51	146	8.92	114	71	53	0	1	6	0
	DAYTON	60	38	74	28	49	4	1.77	0.92	1.38	5.52	156	10.33	123	85	49	0	2	4	1
	MANSFIELD	58	37	74	27	48	7	1.26	0.37	0.47	4.28	118	9.17	109	94	50	0	3	6	0

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***** Not Available**

Weather Data for the Week Ending April 2, 2016

STATES AND STATIONS		TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY PERCENT		NUMBER OF DAYS TEMP. °F		NUMBER OF DAYS PRECIP	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR 1	PCT. NORMAL SINCE MAR 1	TOTAL, IN., SINCE JAN01	PCT. NORMAL SINCE JAN01	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
	TOLEDO	57	35	75	28	46	4	2.30	1.60	1.13	5.27	187	8.49	128	86	68	0	4	6	2
	YOUNGSTOWN	60	35	76	27	47	6	1.29	0.55	0.69	4.23	130	9.42	123	74	50	0	4	4	1
OK	OKLAHOMA CITY	69	43	84	31	56	1	0.15	-0.46	0.14	1.04	34	2.50	42	79	34	0	2	2	0
	TULSA	69	44	77	31	57	2	0.84	0.04	0.76	2.88	76	4.07	55	73	49	0	1	2	1
OR	ASTORIA	60	40	69	34	50	3	0.30	-1.19	0.22	12.44	160	34.72	137	95	71	0	0	2	0
	BURNS	60	27	71	22	43	4	0.00	-0.22	0.00	1.35	104	3.07	86	77	43	0	7	0	0
	EUGENE	66	39	74	33	52	5	0.10	-1.03	0.10	5.81	95	15.65	78	90	67	0	0	1	0
	MEDFORD	68	39	79	34	54	5	0.00	-0.35	0.00	2.46	127	7.70	118	83	36	0	0	0	0
	PENDLETON	64	37	74	30	50	2	0.03	-0.23	0.03	1.50	113	3.87	97	79	48	0	3	1	0
	PORTLAND	67	42	76	35	55	6	0.08	-0.64	0.08	4.89	125	16.22	123	84	61	0	0	1	0
	SALEM	67	39	77	33	53	5	0.10	-0.68	0.10	6.42	146	17.15	112	86	59	0	0	1	0
PA	ALLENTOWN	64	40	80	25	52	9	0.61	-0.19	0.42	1.14	30	10.17	101	75	43	0	1	4	0
	ERIE	59	35	72	29	47	6	1.08	0.29	0.57	3.38	101	9.59	117	78	63	0	4	4	1
	MIDDLETOWN	64	42	80	29	53	7	0.62	-0.07	0.45	1.45	42	11.37	123	76	36	0	1	4	0
	PHILADELPHIA	67	47	80	37	57	10	0.65	-0.19	0.44	2.19	54	9.17	89	67	39	0	0	4	0
	PITTSBURGH	64	39	76	29	52	8	0.75	0.03	0.49	2.85	85	7.78	92	75	33	0	2	3	0
	WILKES-BARRE	60	37	73	25	48	6	0.73	0.05	0.43	2.13	74	7.93	107	75	41	0	2	2	0
	WILLIAMSPORT	61	38	73	24	49	7	0.54	-0.24	0.34	1.32	38	7.74	87	71	41	0	2	2	0
RI	PROVIDENCE	57	39	70	29	48	5	1.06	0.01	0.69	3.41	72	11.78	94	80	51	0	2	4	1
SC	BEAUFORT	76	59	81	50	68	8	3.39	2.51	2.65	4.72	120	10.70	96	95	56	0	0	4	1
	CHARLESTON	78	58	83	50	68	8	1.93	1.06	1.36	3.74	88	12.03	106	92	56	0	0	4	1
	COLUMBIA	76	54	83	40	65	6	2.31	1.34	1.49	3.42	70	10.05	75	88	48	0	0	5	2
	GREENVILLE	70	51	77	41	60	5	0.96	-0.05	0.57	2.26	41	10.51	74	90	49	0	0	2	1
SD	ABERDEEN	57	26	66	11	42	6	0.15	-0.22	0.15	0.40	28	1.09	45	77	50	0	6	1	0
	HURON	53	30	62	18	41	3	0.37	-0.09	0.25	1.09	61	1.96	69	82	50	0	5	2	0
	RAPID CITY	56	28	67	17	42	3	0.38	0.09	0.34	1.07	96	1.93	99	86	39	0	5	2	0
	SIOUX FALLS	50	30	61	11	40	2	0.88	0.35	0.39	1.89	96	3.57	119	80	54	0	4	3	0
TN	BRISTOL	68	45	74	32	57	7	0.63	-0.14	0.38	1.55	38	8.95	81	86	35	0	1	3	0
	CHATTANOOGA	69	51	74	41	60	5	1.29	0.03	1.13	3.71	57	14.45	86	82	50	0	0	3	1
	KNOXVILLE	68	49	77	39	58	5	0.95	-0.11	0.80	3.20	59	13.09	93	83	41	0	0	3	1
	MEMPHIS	71	50	80	42	60	3	4.19	2.88	2.48	16.20	272	24.06	166	79	41	0	0	2	2
	NASHVILLE	69	48	77	39	59	5	0.86	-0.14	0.68	4.33	84	10.96	86	79	40	0	0	2	1
TX	ABILENE	70	46	84	36	58	-2	0.00	-0.31	0.00	2.31	154	3.03	84	72	45	0	0	0	0
	AMARILLO	68	36	81	26	52	1	0.16	-0.12	0.16	0.30	25	0.98	41	75	22	0	2	1	0
	AUSTIN	74	51	85	40	63	-2	0.41	0.00	0.36	4.23	187	6.42	105	88	62	0	0	4	0
	BEAUMONT	77	60	85	47	69	4	0.29	-0.58	0.13	4.99	125	10.95	84	98	61	0	0	3	0
	BROWNSVILLE	82	66	91	57	74	3	0.00	-0.29	0.00	2.67	262	4.56	128	92	70	1	0	0	0
	CORPUS CHRISTI	80	65	93	54	72	4	0.01	-0.35	0.01	6.18	338	8.46	160	86	59	1	0	1	0
	DEL RIO	77	56	88	45	67	0	0.12	-0.12	0.12	2.20	214	2.95	115	85	52	0	0	1	0
	EL PASO	72	46	83	36	59	-1	0.00	-0.03	0.00	0.01	4	0.54	49	44	17	0	0	0	0
	FORT WORTH	71	52	80	43	62	2	0.16	-0.43	0.16	2.70	84	5.94	79	78	41	0	0	1	0
	GALVESTON	74	62	81	55	68	1	0.01	-0.60	0.01	1.27	43	5.23	54	96	69	0	0	1	0
	HOUSTON	75	56	85	46	66	1	0.20	-0.58	0.13	3.31	92	7.42	72	91	61	0	0	3	0
	LUBBOCK	70	41	84	32	56	1	0.08	-0.11	0.08	0.28	34	0.67	33	76	35	0	1	1	0
	MIDLAND	75	45	87	36	60	1	0.62	0.56	0.62	0.96	218	1.44	93	72	39	0	0	1	1
	SAN ANGELO	75	47	89	33	61	1	0.00	-0.20	0.00	3.35	319	4.16	137	69	41	0	0	0	0
	SAN ANTONIO	74	56	86	42	65	0	0.16	-0.26	0.12	3.63	180	6.57	121	86	49	0	0	3	0
	VICTORIA	78	58	89	46	68	2	0.11	-0.40	0.05	4.38	183	9.32	135	95	66	0	0	3	0
	WACO	71	49	79	37	60	-1	0.69	0.21	0.42	5.61	214	8.06	116	87	60	0	0	2	0
	WICHITA FALLS	71	45	84	35	58	0	0.53	0.01	0.53	1.35	56	3.06	60	74	45	0	0	1	1
UT	SALT LAKE CITY	56	36	64	33	46	0	0.80	0.38	0.42	2.22	109	4.69	99	83	49	0	0	4	0
VT	BURLINGTON	57	35	67	24	46	10	0.78	0.19	0.57	2.46	99	6.79	106	74	39	0	3	4	1
VA	LYNCHBURG	66	45	76	34	56	6	1.40	0.59	0.59	3.86	95	11.15	104	79	43	0	0	5	1
	NORFOLK	69	52	83	42	61	9	1.96	1.09	0.71	4.16	96	15.03	130	83	51	0	0	3	3
	RICHMOND	69	48	79	35	59	7	0.66	-0.18	0.24	1.47	34	9.12	84	87	63	0	0	5	0
	ROANOKE	67	47	80	37	57	6	0.52	-0.32	0.33	2.39	59	10.62	102	76	52	0	0	4	0
	WASH/DULLES	67	44	82	27	56	9	0.52	-0.25	0.22	1.55	41	9.80	102	82	51	0	1	4	0
WA	OLYMPIA	65	33	75	28	49	4	0.07	-0.99	0.07	8.70	156	23.84	124	92	66	0	3	1	0
	QUILLAYUTE	61	38	66	33	50	5	0.36	-1.76	0.34	13.92	120	45.39	121	97	64	0	0	2	0
	SEATTLE-TACOMA	64	43	71	38	53	6	0.30	-0.46	0.30	5.57	141	18.98	143	86	63	0	0	1	0
	SPOKANE	60	37	68	30	48	6	0.35	0.05	0.23	3.31	206	6.78	137	83	46	0	1	2	0
	YAKIMA	71	37	79	27	54	9	0.02	-0.12	0.02	1.83	247	4.56	168	68	35	0	1	1	0
WV	BECKLEY	63	42	71	31	53	7	0.46	-0.30	0.40	2.15	56	8.45	84	69	46	0	1	2	0
	CHARLESTON	69	44	77	32	57	8	0.41	-0.38	0.35	2.71	66	9.88	94	75	32	0	1	3	0
	ELKINS	65	36	74	23	51	7	0.55	-0.27	0.33	2.60	63	8.27	77	80	36	0	3	4	0
	HUNTINGTON	69	44	77	34	57	7	0.32	-0.46	0.18	2.69	66	10.15	98	77	35	0	0	3	0
WI	EAU CLAIRE	47	30	64	24	39	3	0.59	0.02	0.42	3.29	162	4.67	121	93	50	0	5	4	0
	GREEN BAY	47	33	55	26	40	4	1.34	0.77	0.78	3.72	167	6.20	139	89	65	0	3	5	1
	LA CROSSE	51	34	65	30	43	3	0.95	0.31	0.61	3.64	166	5.81	133	91	46	0	4	4	1
	MADISON	50	34	61	24	42	3	1.13	0.45	0.60	3.42	138	5.65	113	86	60	0	3	4	1
	MILWAUKEE	52	34	61	27	43	4	0.83	0.06	0.56	3.50	124	5.81	92	83	62	0	2	5	1
WY	CASPER	45	28	59	16	37	-1	0.97	0.77	0.78	1.39	145	2.84	130	75	60	0	6	4	1
	CHEYENNE	45	26	58	18	36	-1	0.46	0.21	0.24	1.22	109	2.42	120	75	53	0	6	3	0
	LANDER	45	28	56	21	36	-3	2.97	2.63	1.78	4.60	343	5.52	230	86	50	0	7	4	2
	SHERIDAN	52	31	69	26	41	2	0.74	0.45	0.41	1.59	146	3.04	125	83	51	0	4	4	0

Based on 1971-2000 normals ***** Not Available**

National Agricultural Summary

March 28 – April 3, 2016

Weekly National Agricultural Summary provided by USDA/NASS

HIGHLIGHTS

Temperatures were above normal across most of the United States, aiding fieldwork for many producers. Temperatures averaged more than 6°F above normal across most of the northern Great Plains, Ohio Valley, and the northern Atlantic States. Areas of heavy precipitation were noted in the Delta and Southeast, where some locations recorded more than 4 inches of rainfall for the week. Dry conditions persisted in the Southwest.

Winter Wheat: Nationally, 59 percent of the winter wheat crop was reported in good to excellent condition, compared with 44 percent at the same time last year. Kansas winter wheat condition was rated at 55 percent good to excellent. Since autumn, crop conditions have improved in the Northwest, with increases of more than 20 percentage points in the good to excellent categories reported in Idaho, Oregon, and Washington.

Cotton: By April 3, producers had planted 3 percent of this year's cotton crop. This is slightly ahead of last year but 2 percentage points behind the 5-year average. Progress was most advanced in Arizona, at 25 percent complete, equal to last year but 2 percentage points ahead of the 5-year average.

Sorghum: With activity limited to Arkansas, Louisiana, and Texas, 13 percent of the nation's sorghum crop had been planted by week's end. This is 5 percentage points ahead of last year but equal to the 5-year average. Sorghum planting progress was 10 percentage points behind the 5-year average in Arkansas, 21 percentage points behind in Louisiana, and equal to the 5-year average in Texas.

Rice: By week's end, producers had seeded 16 percent of the 2016 rice crop, 3 percentage points ahead of last year but equal to the 5-year average. Rice planting advanced 31 percentage points in Texas during the week, with 47 percent planted by April 3. With progress limited to Arkansas, Louisiana, and Texas, 7 percent of the nation's rice crop had emerged, 4 percentage points ahead of the 5-year average.

Small Grains: Nationally, oat producers had seeded 29 percent of this year's crop by April 3, six percentage points behind the 5-year average. Oat planting progress was at or behind the 5-year average in all estimating states except Pennsylvania. With progress mostly limited to the earlier-planted crop in Texas, 24 percent of the nation's oat crop had emerged, 5 percentage points behind the 5-year average.

Six percent of the nation's barley was planted by week's end, slightly behind 5-year average. Planting progress was well behind the historical pace in Idaho with 6 percent planted, 15 percentage points behind the 5-year average.

Other Crops: One percent of the nation's sugarbeet crop was planted by April 3, three percentage points behind both last year and the 5-year average. The crop was 5 percent planted in Idaho, 16 percentage points behind last year and 8 points behind the 5-year average. Planting had yet to begin by April 3 in Michigan, despite a 5-year average planting pace of 12 percent complete.

Crop Progress and Condition

Week Ending April 3, 2016

Weekly U.S. Progress and Condition Data provided by USDA/NASS

Winter Wheat Condition by Percent

	VP	P	F	G	EX
AR	3	4	35	48	10
CA	0	0	15	35	50
CO	2	14	29	47	8
ID	0	0	6	84	10
IL	1	5	27	49	18
IN	1	2	18	60	19
KS	1	7	37	48	7
MI	1	1	26	54	18
MO	1	4	28	56	11
MT	0	4	40	53	3
NE	0	3	37	51	9
NC	4	13	31	44	8
OH	0	1	14	56	29
OK	1	3	35	51	10
OR	0	1	33	63	3
SD	0	1	33	58	8
TX	2	9	42	36	11
WA	0	1	12	82	5
18 Sts	1	6	34	49	10
Prev Wk	NA	NA	NA	NA	NA
Prev Yr	4	12	40	37	7

Cotton Percent Planted

	Prev Year	Prev Week	Apr 3 2016	5-Yr Avg
AL	0	NA	0	1
AZ	25	15	25	23
AR	0	NA	0	0
CA	7	NA	0	11
GA	0	NA	0	1
KS	0	NA	0	0
LA	0	NA	0	0
MS	0	NA	0	0
MO	0	NA	0	0
NC	0	NA	0	0
OK	0	NA	0	0
SC	0	NA	0	0
TN	0	NA	0	0
TX	1	2	5	8
VA	0	NA	0	0
15 Sts	2	NA	3	5

These 15 States planted 99% of last year's cotton acreage.

Oats Percent Planted

	Prev Year	Prev Week	Apr 3 2016	5-Yr Avg
IA	13	NA	13	18
MN	4	NA	1	6
NE	33	NA	20	26
ND	0	NA	0	2
OH	1	NA	6	6
PA	0	NA	14	10
SD	7	NA	6	8
TX	100	100	100	100
WI	1	NA	1	2
9 Sts	31	NA	29	35

These 9 States planted 68% of last year's oat acreage.

Oats Percent Emerged

	Prev Year	Prev Week	Apr 3 2016	5-Yr Avg
IA	0	NA	0	2
MN	0	NA	0	0
NE	0	NA	0	1
ND	0	NA	0	0
OH	0	NA	0	0
PA	0	NA	1	2
SD	0	NA	0	1
TX	100	100	100	89
WI	0	NA	0	0
9 Sts	25	NA	24	29

These 9 States planted 68% of last year's oat acreage.

Rice Percent Planted

	Prev Year	Prev Week	Apr 3 2016	5-Yr Avg
AR	4	2	11	9
CA	0	NA	0	0
LA	52	33	48	52
MS	7	NA	6	8
MO	0	NA	0	4
TX	15	16	47	37
6 Sts	13	NA	16	16

These 6 States planted 100% of last year's rice acreage.

Rice Percent Emerged

	Prev Year	Prev Week	Apr 3 2016	5-Yr Avg
AR	0	NA	1	1
CA	0	NA	0	0
LA	12	14	32	8
MS	0	NA	0	1
MO	0	NA	0	0
TX	0	NA	20	12
6 Sts	2	NA	7	3

These 6 States planted 100% of last year's rice acreage.

Sorghum Percent Planted

	Prev Year	Prev Week	Apr 3 2016	5-Yr Avg
AR	4	NA	1	11
CO	0	NA	0	0
IL	0	NA	0	0
KS	0	NA	0	0
LA	19	1	14	35
MO	0	NA	0	0
NE	0	NA	0	0
NM	0	NA	0	0
OK	1	NA	0	0
SD	0	NA	0	0
TX	20	31	36	36
11 Sts	8	NA	13	13

These 11 States planted 98% of last year's sorghum acreage.

Barley Percent Planted

	Prev Year	Prev Week	Apr 3 2016	5-Yr Avg
ID	45	NA	6	21
MN	0	NA	0	2
MT	3	3	11	5
ND	0	NA	0	1
WA	19	NA	18	10
5 Sts	9	NA	6	7

These 5 States planted 82% of last year's barley acreage.

Sugarbeets Percent Planted

	Prev Year	Prev Week	Apr 3 2016	5-Yr Avg
ID	21	NA	5	13
MI	0	NA	0	12
MN	0	NA	0	0
ND	0	NA	0	0
4 Sts	4	NA	1	4

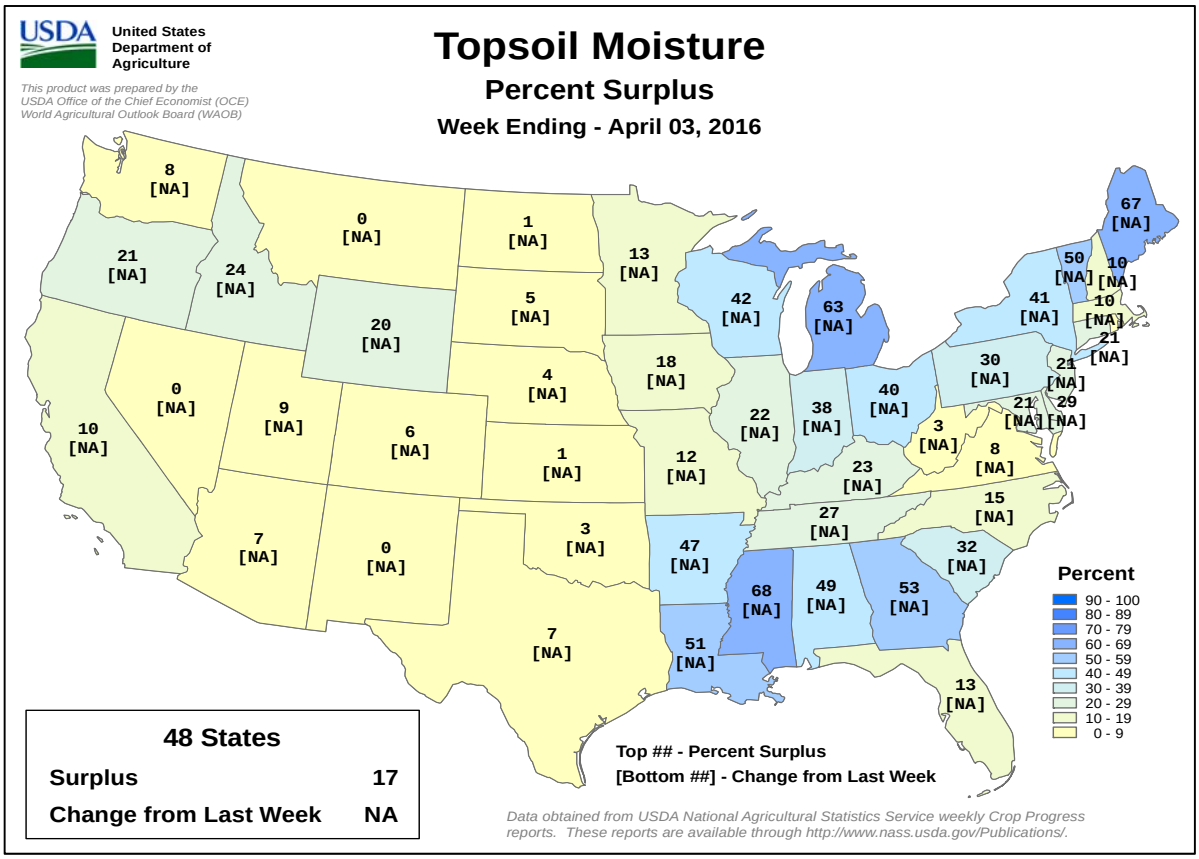
These 4 States planted 84% of last year's sugarbeet acreage.

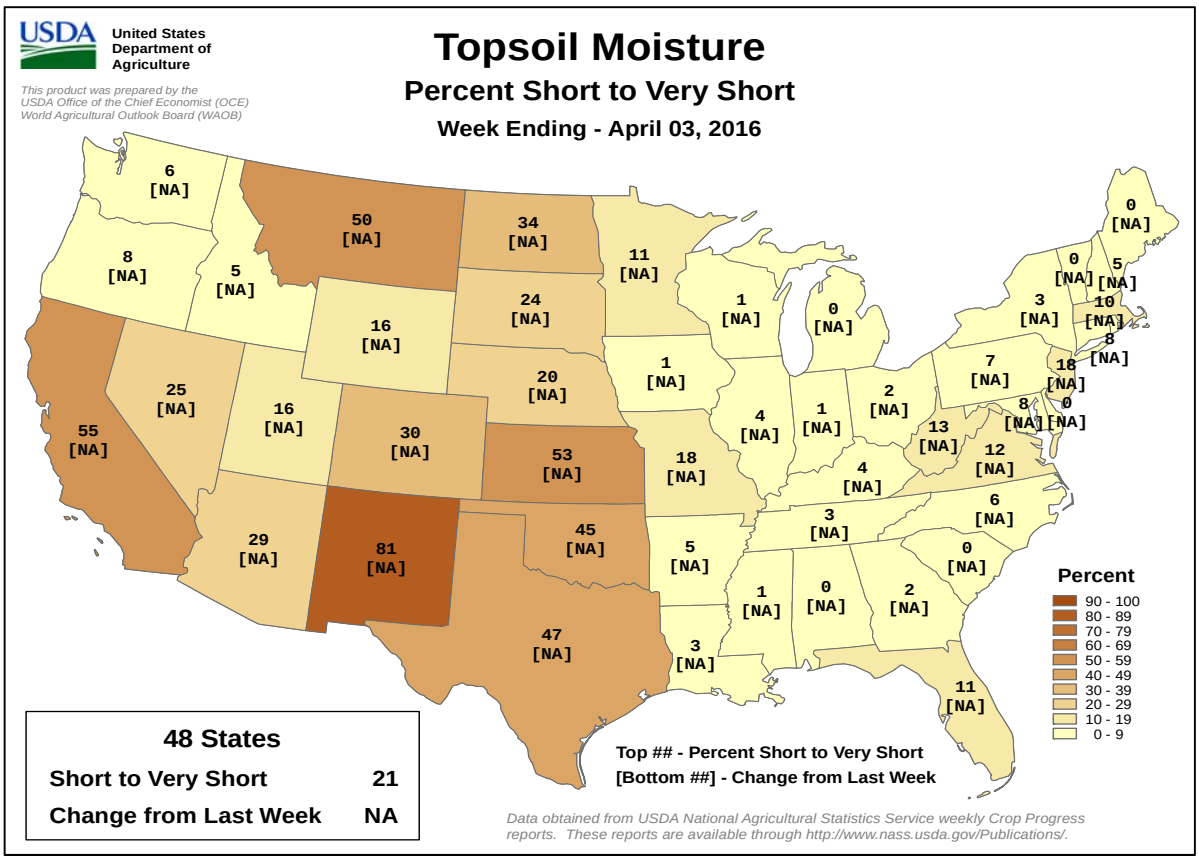
VP - Very Poor; P - Poor; F - Fair; G - Good; EX - Excellent
NA - Not Available; *Revised

Crop Progress and Condition

Week Ending April 3, 2016

Weekly U.S. Progress and Condition Data provided by USDA/NASS

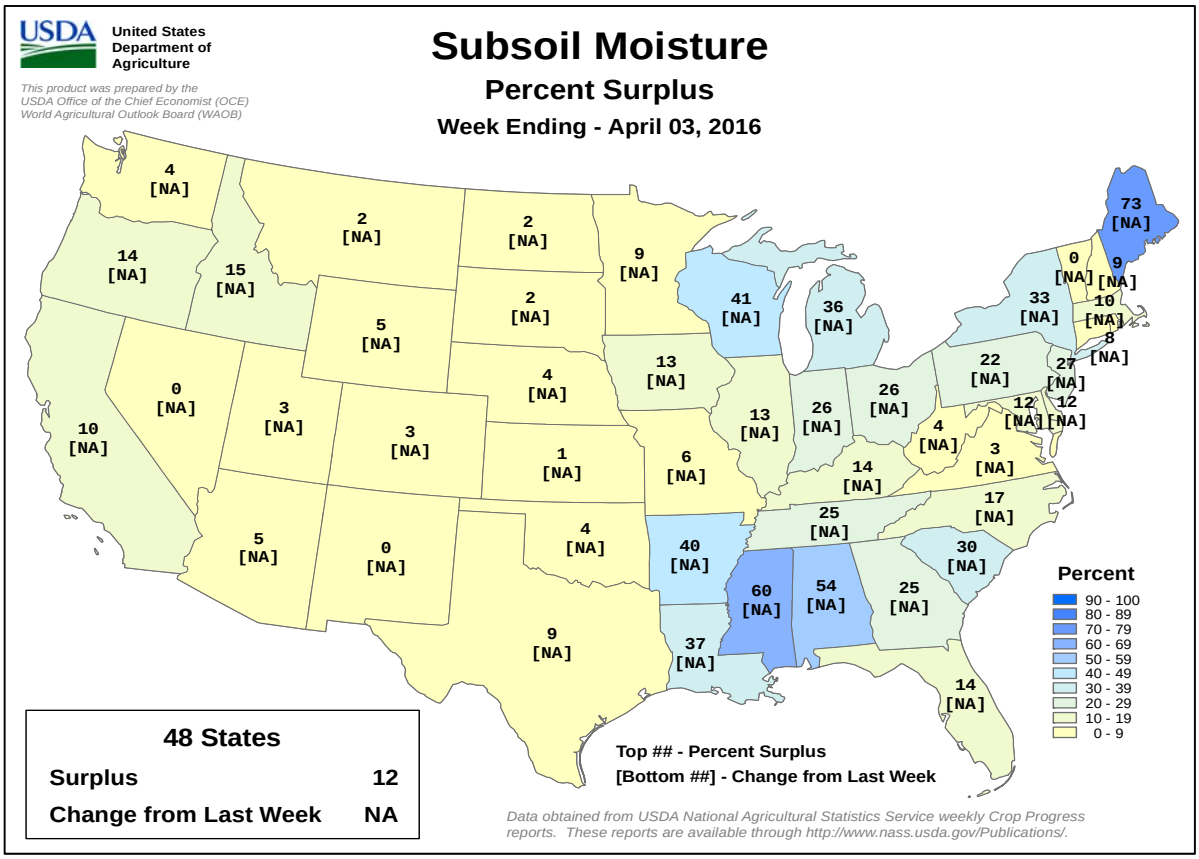


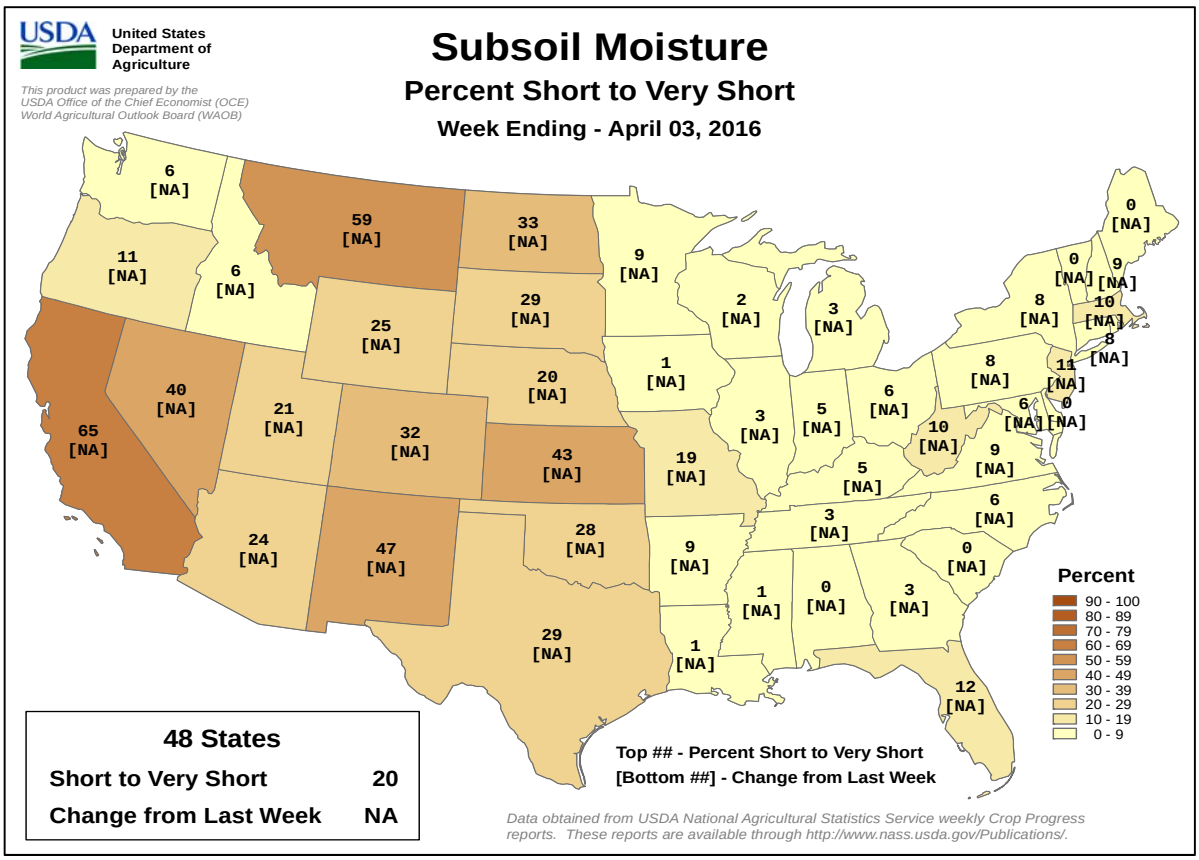


Crop Progress and Condition

Week Ending April 3, 2016

Weekly U.S. Progress and Condition Data provided by USDA/NASS

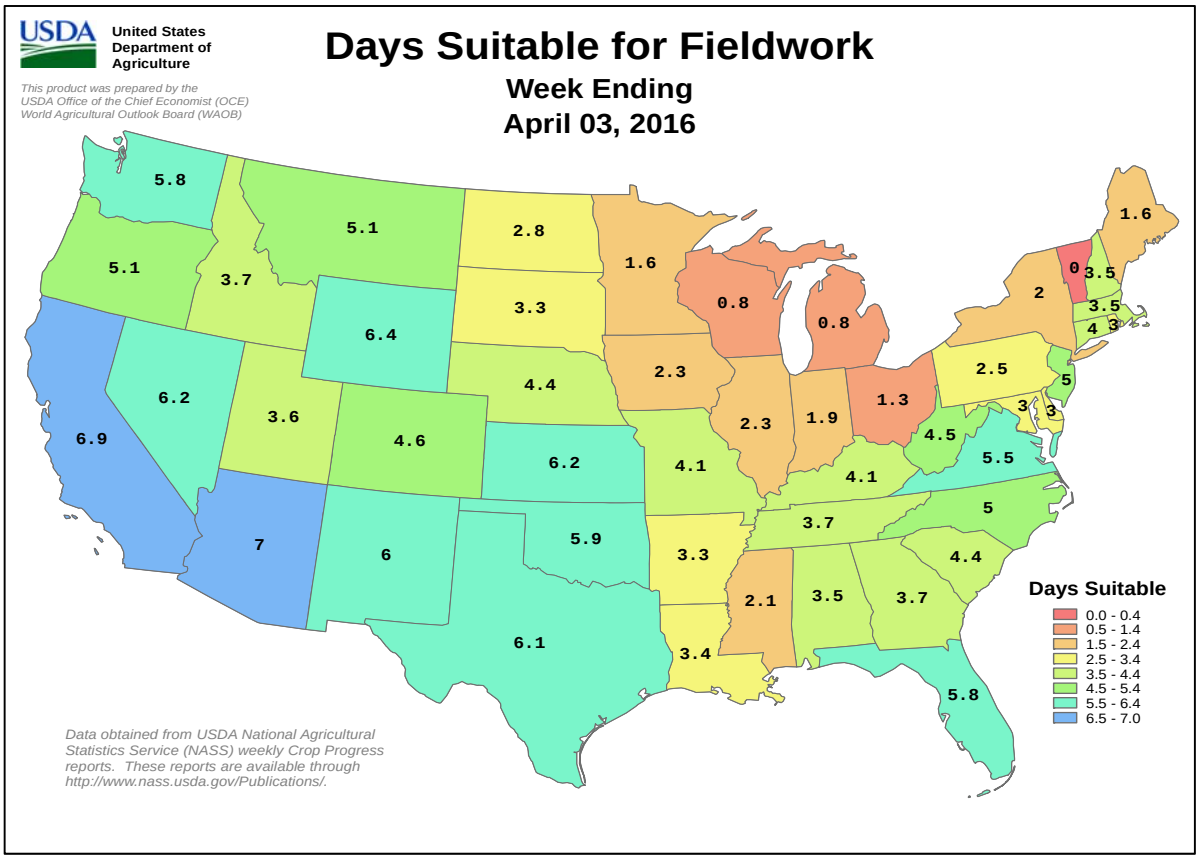


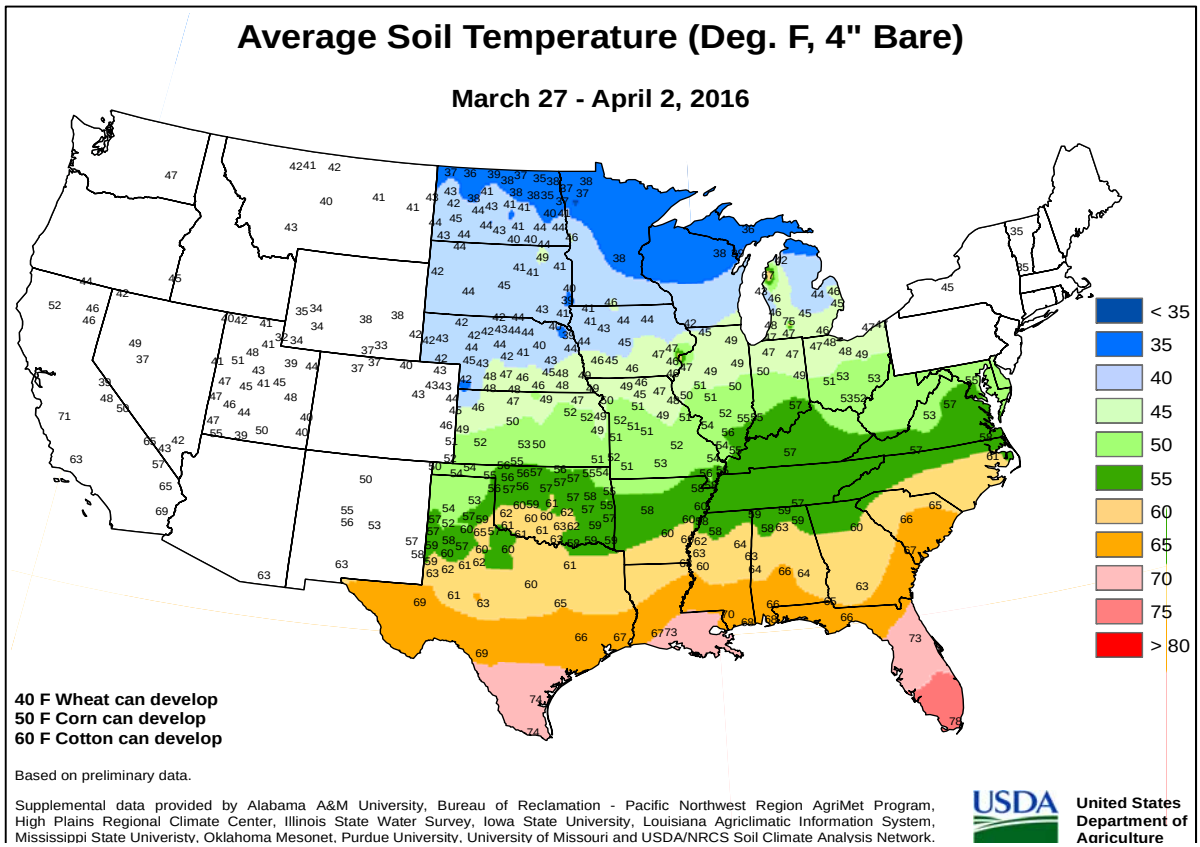


Crop Progress and Condition

Week Ending April 3, 2016

Weekly U.S. Progress and Condition Data provided by USDA/NASS





International Weather and Crop Summary

March 27 - April 2, 2016

International Weather and Crop Highlights and Summaries provided by USDA/WAOB

EUROPE: Widespread showers and above-normal temperatures maintained good to excellent winter crop prospects over most of the continent.

FSU-WESTERN: Warmer, wetter weather promoted winter wheat growth over Ukraine and Russia, though the impacts of autumn drought on winter wheat lingered in Ukraine.

MIDDLE EAST: Wet weather sustained favorable crop conditions in central portions of the region.

NORTHWEST AFRICA: Morocco's drought-afflicted winter wheat advanced toward maturity, while winter grains in Algeria and Tunisia were able to withstand increasing heat due to abundant moisture supplies.

EAST ASIA: Rainfall benefited rapeseed and spring-sown crops in the Yangtze Valley, while unfavorably dry spring weather continued for wheat on the North China Plain.

SOUTHEAST ASIA: Showers in Indonesia and the Philippines slowed rice harvesting but improved soil moisture and water supplies for spring-sown crops.

AUSTRALIA: Mid-week showers likely had little impact on summer crop maturation and harvesting.

SOUTH AFRICA: Warmth and dryness maintained high moisture demands of late-planted, immature corn.

ARGENTINA: Moderate to heavy rain maintained favorable prospects of immature corn and soybeans.

BRAZIL: Diminished rainfall raised concern for second-crop corn in key production areas of central Brazil.

MEXICO: Dry, generally warm weather dominated the region, hastening winter grain development but limiting summer corn planting.

March 2016

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ALGERI	ALGER	19	7	34	2	13	0	122	62
	BATNA	17	2	28	-2	10	0.3	19	-42
ARGENT	IGUAZU	28	19	33	14	23	-1	264	134
	FORMOSA	29	20	36	16	25	-0.9	140	-13
	CERES	28	16	36	11	22	-0.6	65	-74
	CORDOBA	26	14	33	7	20	-0.9	59	-63
	RIO CUARTO	25	14	32	8	19	-0.6	74	-40
	ROSARIO	26	16	34	11	21	-0.3	80	-52
	BUENOS AIRES	26	14	33	8	20	-0.6	42	-51
	SANTA ROSA	27	13	33	4	20	0.3	14	-73
	TRES ARROYOS	26	13	32	4	19	0.7	26	-55
AUSTRA	DARWIN	33	27	35	24	30	1.7	122	-252
	BRISBANE	28	21	29	18	24	0.7	133	9
	PERTH	30	17	40	12	24	1	20	6
	CEDUNA	25	16	33	6	20	0.4	0	-14
	ADELAIDE	26	17	36	9	21	1.4	5	-17
	MELBOURNE	25	16	41	8	20	2.2	25	-6
	WAGGA	31	16	38	9	24	3.1	33	-8
	CANBERRA	28	13	35	6	20	2.5	29	-22
AUSTRI	VIENNA	10	2	22	-3	6	0.9	45	6
	INNSBRUCK	11	1	19	-4	6	1	49	-11
BAHAMA	NASSAU	28	21	32	17	25	2.1	19	-31
BELARU	MINSK	5	-1	12	-8	2	2.1	34	-10
BERMUD	ST GEORGES	22	18	25	14	20	1.2	197	91
BOLIVI	LA PAZ	18	4	21	1	11	1.9	38	-71
BRAZIL	FORTALEZA	31	26	33	24	28	0.9	177	-133
	RECIFE	30	26	31	24	28	-1.1	87	-111
	CAMPO GRANDE	30	21	35	16	25	-0.4	114	-34
	FRANCA	***	***	30	18	***	*****	*****	******
	RIO DE JANEIRO	31	24	36	20	27	0.7	78	-57
	LONDRINA	31	19	36	16	25	1.6	101	-47
	SANTA MARIA	27	18	36	14	23	-0.6	200	61
	TORRES	28	20	30	16	24	-2.2	220	112
BULGAR	SOFIA	12	3	24	-5	7	2.3	74	40
BURKIN	OUAGADOUGOU	40	26	43	20	33	1.6	8	3
CANADA	TORONTO	7	-2	20	-11	3	2.9	80	24
	MONTREAL	4	-4	17	-19	0	2.1	106	37
	WINNIPEG	3	-7	13	-25	-2	3.9	0	-22
	REGINA	5	-5	17	-15	0	5.2	0	-18
	SASKATOON	3	-6	12	-19	-2	4.2	0	-15
	LETHBRIDGE	***	***	***	***	***	*****	*****	******
	CALGARY	10	-3	17	-9	3	5.1	5	-12
	VANCOUVER	12	5	17	1	8	1.8	162	48
CANARY	LAS PALMAS	22	16	25	14	19	0.1	9	-7
CHILE	SANTIAGO	28	12	35	10	20	2.1	2	-3
CHINA	HARBIN	6	-6	17	-15	0	3.1	11	2
	HAMI	16	1	26	-11	9	3.9	0	-1
	BEIJING	15	3	24	-4	9	3	0	-8
	TIENTSIN	16	3	26	-4	9	3	0	-7
	LHASA	14	1	21	-5	7	1.8	1	-2
	KUNMING	22	9	27	4	15	1.8	11	-7
	CHENGCHOW	18	7	26	1	12	4.2	0	-28
	YEHCHANG	17	8	23	0	13	2.2	50	-10
	HANKOW	18	8	25	0	13	2.5	70	-19
	CHUNGKING	20	13	28	8	16	3.1	123	84
	CHIHKIANG	17	9	26	1	13	2.4	125	48
	WU HU	16	8	23	-1	12	2.5	51	-43
	SHANGHAI	15	8	25	-2	11	2.5	49	-37
	NANCHANG	17	10	26	2	14	2.7	90	-85
	TAIPEI	20	15	27	10	18	-0.8	307	111
	CANTON	21	14	28	7	17	-0.7	254	168
	NANNING	21	15	28	7	18	0.4	39	-18
COLOMB	BOGOTA	22	10	24	5	16	2.2	73	14
COTE D	ABIDJAN	32	26	34	23	29	1	223	130
CUBA	HAVANA	29	18	33	13	24	0.9	0	-48
CYPRUS	LARNACA	21	10	25	7	16	2.4	13	-30
CZECHR	PRAGUE	8	0	15	-5	4	0.5	26	-3
DENMAR	COPENHAGEN	7	1	12	-2	4	1.2	42	6
EGYPT	CAIRO	27	16	33	13	22	4.1	14	9
	ASWAN	32	18	40	13	25	3.3	0	0

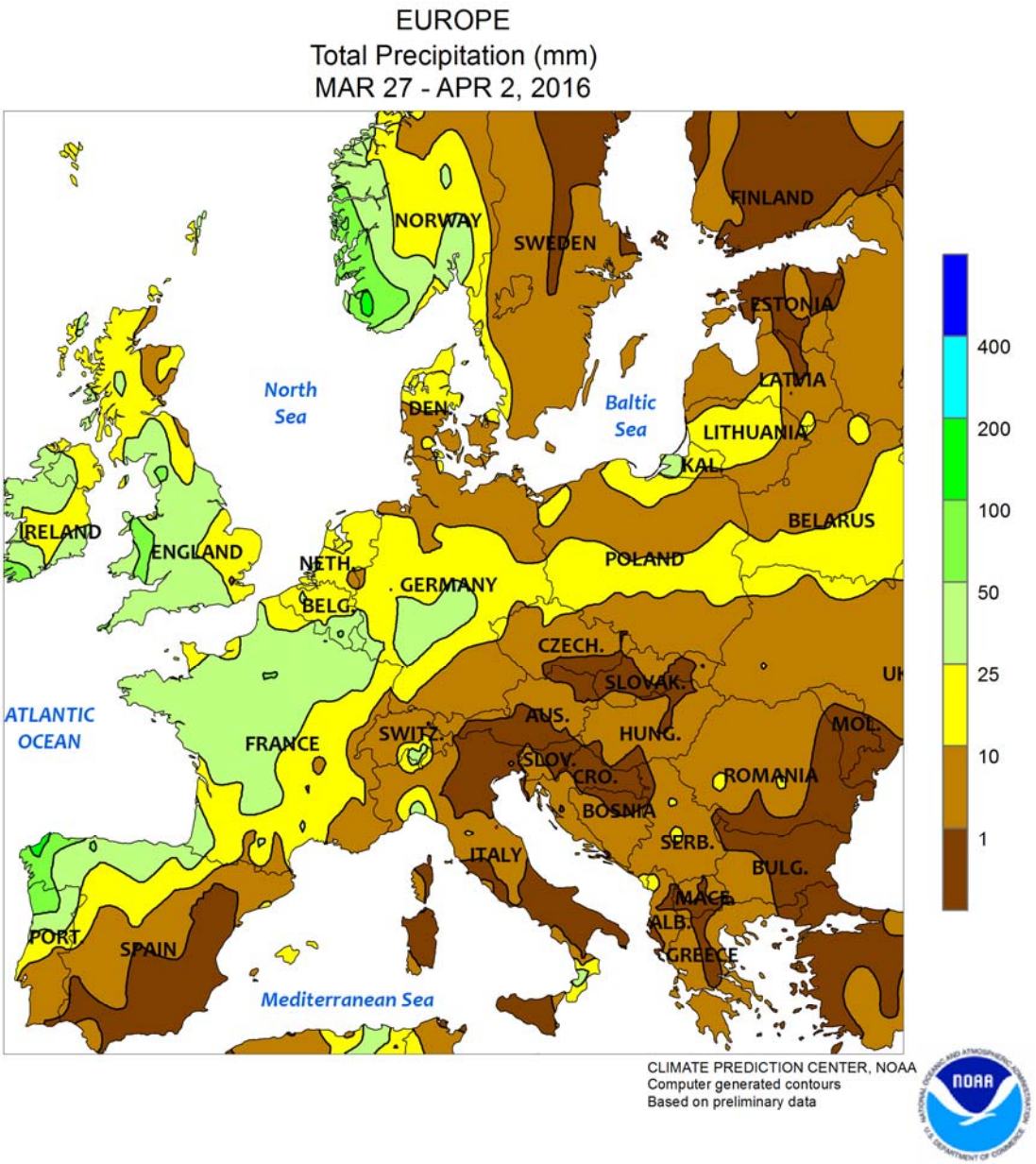
Based on Preliminary Reports

March 2016

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
ESTONI	TALLINN	4	-2	14	-9	1	2.1	8	-26
ETHIOP	ADDIS ABABA	27	15	29	12	21	2.8	9	-58
F GUIA	CAYENNE	30	24	31	22	27	1.4	356	13
FIJI	NAUSORI	31	24	34	21	28	1.3	112	-277
FINLAN	HELSINKI	3	-3	11	-11	0	2.2	7	-28
FRANCE	PARIS/ORLY	10	4	15	-3	7	-1.0	90	47
	STRASBOURG	11	2	18	-2	7	0.3	41	5
	BOURGES	11	3	18	-2	7	-0.5	81	28
	BORDEAUX	14	6	23	0	10	0.7	111	40
	TOULOUSE	14	6	22	0	10	0.9	46	-7
	MARSEILLE	16	6	23	1	11	0.4	40	-4
GABON	LIBREVILLE	31	25	32	22	28	1.0	431	26
GERMAN	HAMBURG	***	***	14	3	***	*****	*****	******
	BERLIN	***	***	16	4	***	*****	*****	******
	DUSSELDORF	***	***	16	1	***	*****	*****	******
	LEIPZIG	***	***	16	2	***	*****	*****	******
	DRESDEN	***	***	17	1	***	*****	*****	******
	STUTTGART	***	***	15	0	***	*****	*****	******
	NURNBERG	***	***	15	-1	***	*****	*****	******
	AUGSBURG	8	0	19	-5	4	-0.4	34	-8
GREECE	THESSALONIKA	16	7	23	0	11	1.8	107	67
	LARISSA	17	5	25	-1	11	1.4	98	60
	ATHENS	18	11	22	6	14	2.2	82	28
GUADEL	RAIZET	29	22	30	19	26	0.5	143	76
HONGKO	HONG KONG INT	21	16	28	9	19	0.0	136	60
HUNGAR	BUDAPEST	12	3	22	-2	8	1.5	61	34
ICELAN	REYKJAVIK	***	***	6	0	***	*****	*****	******
INDIA	AMRITSAR	27	13	33	9	20	1.3	40	1
	NEW DELHI	32	17	38	15	25	2.2	39	25
	AHMEDABAD	37	21	42	17	29	1.7	7	******
	INDORE	35	18	39	15	27	1.3	1	0
	CALCUTTA	35	24	37	20	29	1.8	46	5
	VERAVAL	33	22	39	20	27	2.2	0	******
	BOMBAY	34	22	38	19	28	1.1	11	******
	POONA	36	17	39	13	27	1.0	12	11
	BEGAMPET	38	23	41	21	31	2.2	0	-14
	VISHAKHAPATNAM	31	25	33	23	28	0.5	0	-10
	MADRAS	35	24	38	23	29	0.9	0	-5
	MANGALORE	35	25	36	23	30	1.1	1	-4
INDONE	SERANG	32	25	34	24	29	1.4	199	14
IRELAN	DUBLIN	10	3	14	-4	6	-0.4	38	-17
ITALY	MILAN	15	5	20	0	10	1.0	48	-16
	VENICE	13	6	17	3	10	1.5	94	45
	GENOA	15	9	19	5	12	0.6	101	16
	ROME	17	8	25	4	12	1.1	35	-26
	NAPLES	16	8	25	5	12	1.3	110	32
JAMAIC	KINGSTON	31	24	33	23	27	1.0	20	-4
JAPAN	SAPPORO	6	-1	14	-7	2	2.1	63	-18
	NAGOYA	16	6	23	-1	11	2.8	114	-1
	TOKYO	15	7	21	1	11	1.7	105	-10
	YOKOHAMA	14	8	20	2	11	1.9	208	60
	KYOTO	16	6	22	-1	11	1.6	71	-51
	OSAKA	16	7	22	1	11	2.0	93	-6
KAZAKH	KUSTANAY	-1	-8	5	-19	-4	3.9	36	21
	TSELINOGRAD	3	-4	13	-15	0	8.0	22	-7
	KARAGANDA	3	-4	11	-11	-1	6.5	20	3
KENYA	NAIROBI	30	17	32	13	23	2.5	37	-28
LITHUA	KAUNAS	6	-1	15	-7	3	2.1	48	11
LUXEMB	LUXEMBOURG	8	1	14	-5	5	-0.3	49	-17
MALAYS	KUALA LUMPUR	35	26	37	25	30	2.9	154	-82
MALI	BAMAKO	38	23	42	18	31	-0.4	0	-3
MARSHA	MAJURO	***	***	31	26	***	*****	8	-196
MARTIN	LAMENTIN	30	23	31	20	26	1.4	190	111
MAURIT	NOUAKCHOTT	32	18	38	15	25	0.9	0	-1
MEXICO	GUADALAJARA	27	12	32	3	20	0.4	15	9
	TLAXCALA	22	9	30	2	16	-0.2	61	56
	ORIZABA	25	16	34	11	21	2.8	49	16
MOROCC	CASABLANCA	18	11	20	8	15	-0.2	48	8
	MARRAKECH	22	9	29	6	16	-0.6	31	-8
MOZAMB	MAPUTO	31	23	37	20	27	1.2	34	-64

COUNTRY	CITY	TEMPERATURE (C)						PRECIP. (MM)	
		AVG MAX	AVG MIN	HI MAX	LO MIN	AVG	DEP NRM	TOT	DEP NRM
N KORE	PYONGYANG	12	0	22	-9	6	2.4	38	9
NIGER	NIAMEY	40	26	43	22	33	1.8	0	-3
NORWAY	OSLO	5	-1	12	-6	2	3.4	62	5
NZEALA	AUCKLAND	24	17	25	13	20	*****	27	******
	WELLINGTON	21	15	26	9	18	*****	15	******
P RICO	SAN JUAN	29	23	32	22	26	0.7	42	-13
PAKIST	KARACHI	33	22	36	18	28	2.9	0	-11
PERU	LIMA	29	22	30	21	25	2.6	0	0
PHILIP	MANILA	33	25	35	23	29	0.7	100	82
PNEWGU	PORT MORESBY	31	26	34	24	28	1.6	124	-65
POLAND	WARSAW	8	1	15	-3	4	1.7	32	2
	LODZ	8	1	15	-5	4	1.1	31	-6
	KATOWICE	8	1	17	-5	5	1.1	29	-14
PORTUG	LISBON	16	10	18	7	13	-1.3	34	-47
ROMANI	BUCHAREST	13	3	23	-5	8	2.3	67	28
RUSSIA	ST.PETERSBURG	4	-2	14	-9	1	2.4	19	-14
	KAZAN	1	-4	8	-13	-1	3.4	46	23
	MOSCOW	4	-3	11	-10	0	2.0	54	21
	YEKATERINBURG	0	-7	8	-18	-4	0.5	21	5
	OMSK	0	-7	7	-26	-4	4.4	28	14
	BARNAUL	3	-7	9	-19	-2	5.3	16	0
	KHABAROVSK	0	-10	10	-25	-5	1.6	15	-4
	VLADIVOSTOK	4	-3	12	-13	1	2.5	23	0
	VOLGOGRAD	7	1	15	-8	4	4.8	37	14
	ASTRAKHAN	9	2	16	-4	6	3.9	27	12
	ORENBURG	1	-3	7	-12	-1	4.9	43	23
S AFRI	JOHANNESBURG	26	15	30	12	20	2.1	192	91
	DURBAN	29	22	33	17	26	1.6	124	-1
	CAPE TOWN	26	15	33	10	20	1.0	36	16
S KORE	SEOUL	13	3	21	-8	8	1.6	40	-11
SAMOA	PAGO PAGO	31	26	33	25	29	0.9	270	-13
SENEGA	DAKAR	24	18	31	17	21	0.5	0	0
SPAIN	VALLADOLID	12	1	20	-3	7	-1.7	36	12
	MADRID	16	3	22	-2	9	-1.2	57	40
	SEVILLE	20	7	25	3	14	-2.0	30	3
SWITZE	ZURICH	9	2	22	-2	5	0.0	44	-24
	GENEVA	11	1	20	-4	6	-0.1	39	-26
SYRIA	DAMASCUS	21	7	28	2	14	3.2	9	-12
TAHITI	PAPEETE	32	26	33	24	29	1.4	246	69
TANZAN	DAR ES SALAAM	34	26	35	22	30	3.0	51	-82
THAILA	PHITSANULOK	37	24	40	19	31	1.0	0	-29
	BANGKOK	35	27	38	24	31	1.2	54	23
TOGO	LOME	32	27	33	25	30	1.6	5	-66
TRINID	PORT OF SPAIN	34	23	36	22	29	2.3	8	-23
TUNISI	TUNIS	20	10	31	6	15	1.2	52	11
TURKEY	ISTANBUL	15	8	22	2	11	3.8	85	29
	ANKARA	13	1	23	-6	7	3.1	59	19
TURKME	ASHKHABAD	18	9	30	1	14	4.3	33	-9
UKINGD	ABERDEEN	9	3	14	-3	6	0.8	53	-7
	LONDON	11	4	15	-2	7	-0.5	73	31
UKRAIN	KIEV	7	1	16	-5	4	2.9	36	2
	LVOV	8	0	16	-7	4	2.4	37	-1
	KIROVOGRAD	9	1	18	-6	5	3.6	48	15
	ODESSA	10	4	16	-4	7	3.5	31	3
	KHARKOV	7	1	14	-8	4	3.6	44	14
UZBEKI	TASHKENT	19	9	27	1	14	5.7	92	28
VENEZU	CARACAS	31	25	34	23	28	2.4	1	-13
YUGOSL	BELGRADE	13	6	25	1	9	1.9	102	55
ZAMBIA	LUSAKA	26	20	32	17	23	0.1	97	-46
ZIMBAB	KADOMA	28	17	33	15	23	-1.3	244	153

Based on Preliminary Reports

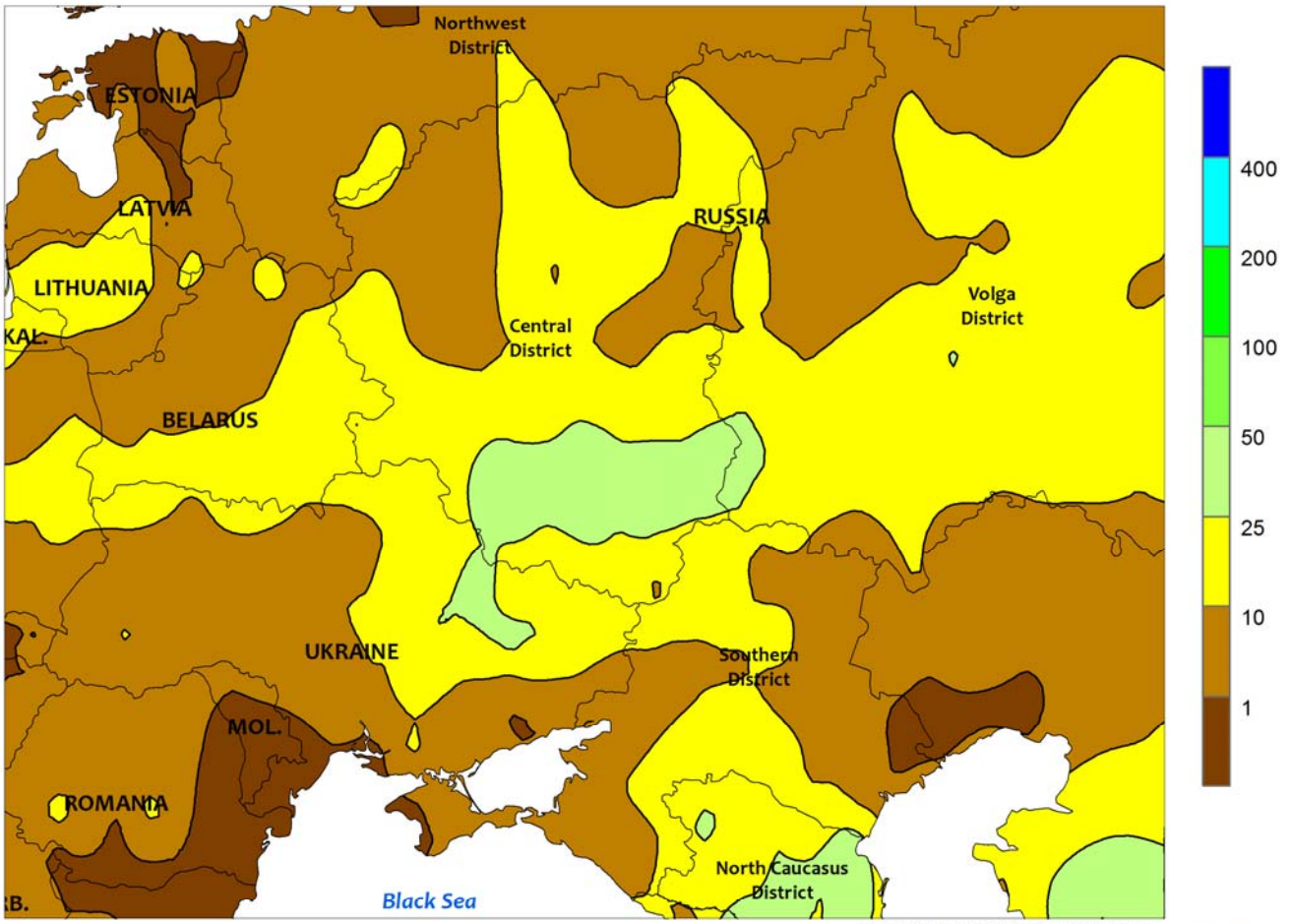


EUROPE

Warm, showery weather maintained good to excellent prospects for winter crops over much of the continent. Following last week's cold spell, temperatures up to 4°C above normal promoted winter wheat and rapeseed growth in France and the United Kingdom and allowed crops to break dormancy in Germany and Poland. Likewise, unseasonable warmth (3-6°C above normal) promoted winter grain development in the Balkans following a cold snap at the end of March. Showers were widespread, with locally heavy rain (25-60 mm) in France and England boosting soil moisture supplies for spring growth, while somewhat lighter showers (5-20 mm) favored early winter crop development in Germany, France, and the Baltic States. In southern Europe, cooler-than-normal weather coupled with late-week rain (5-65 mm, locally more) in Spain maintained good to excellent yield prospects for reproductive winter grains, while sunny skies and above-normal temperatures in Italy promoted winter crop growth.

For additional information contact: mbrusberg@oce.usda.gov

WESTERN FSU
Total Precipitation (mm)
MAR 27 - APR 2, 2016



CLIMATE PREDICTION CENTER, NOAA
Computer generated contours
Based on preliminary data

WESTERN FSU

Warmer, wetter weather expanded over the region following a brief cold snap at the end of March. A warm, southerly flow prevailed for much of the week, with temperatures averaging 2 to 6°C above normal from Belarus and western Ukraine into central Russia. The return of warmer weather allowed winter grains to resume adding vegetative growth, particularly from southern Ukraine into Russia's Southern and North Caucasus Districts. In addition, widespread light to moderate rain (2-35 mm) in these southern areas sustained good to excellent soil moisture for crop growth, though winter wheat areas in central and southern Ukraine continued to exhibit poor vegetation health (as depicted in satellite imagery) due to a severe autumn drought. Meanwhile, rain and late-week snow (10-50 mm liquid equivalent) sustained abundant moisture reserves for spring growth from Belarus into Russia's Volga District. At week's end, a cold front ushered cooler weather back into the region, though there were no concerns for a damaging hard freeze.

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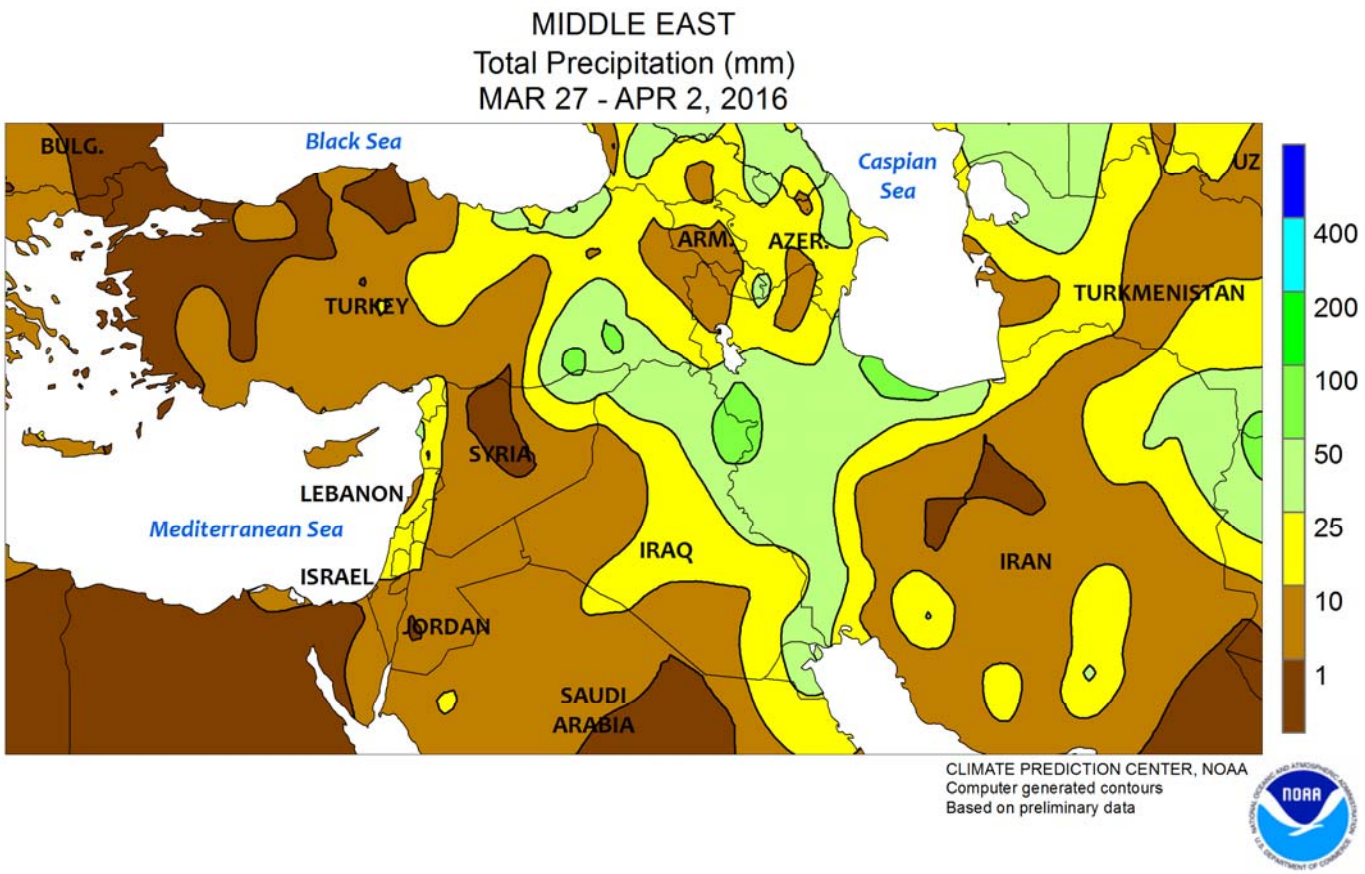

MIDDLE EAST

Locally heavy rain early in the period sustained abundant moisture reserves for winter crops in central growing areas. A slow-moving storm system — which began impacting the region at the end of last week — generated an additional 10 to 100 mm of rainfall from eastern portions of Turkey and Syria into Iraq and Iran. Many of these central growing areas have received near-record precipitation for the season (beginning October 1); regional average rainfall through April 2 was approaching 500 mm in northern and central Iraq, and was above 200 mm in irrigated crop areas of southwestern Iran (versus the total-season average of 125 mm). As a result, prospects for heading winter crops remained good to excellent in these areas, though some flooding of low-lying fields was likely. Showers also benefited vegetative to heading winter grains along the eastern Mediterranean Coast (10-30 mm) and across eastern Iran (5-35 mm). In contrast, mostly dry weather prevailed over central Turkey's Anatolian Plateau, where satellite-derived vegetation health data continued to indicate lingering adverse impacts of an abnormally dry autumn on winter grains.

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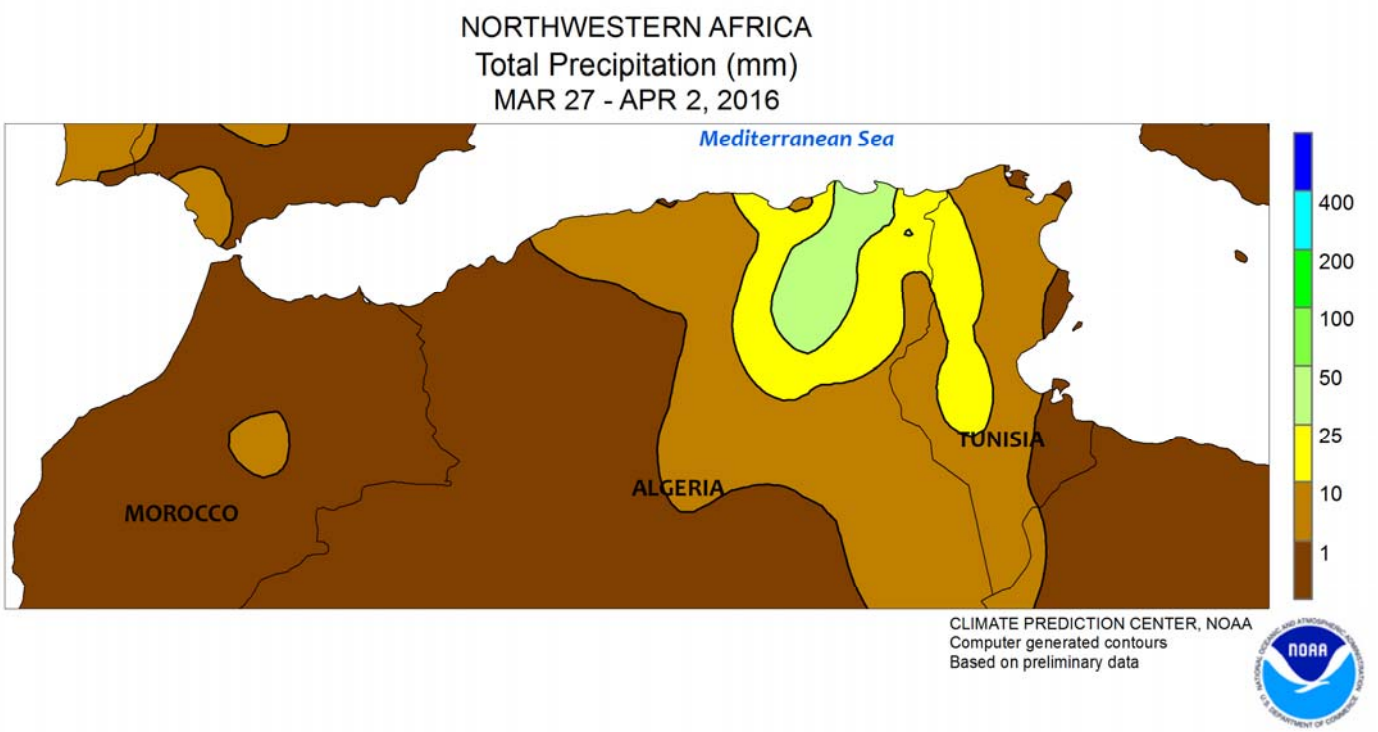
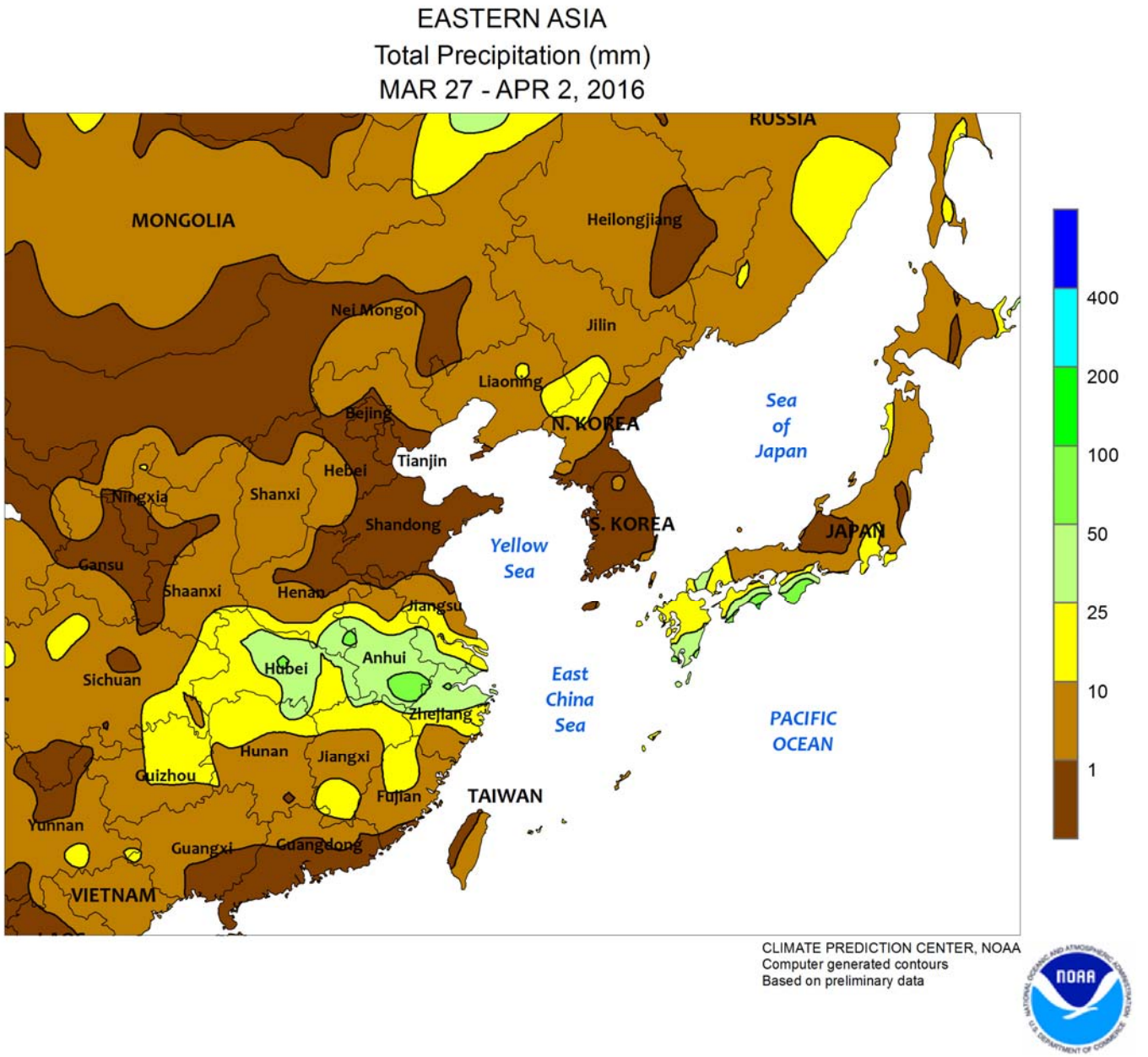


NORTHWESTERN AFRICA

Following early-week showers in the east, increasingly hot, sunny weather prevailed over much of the region. In Morocco, drought-afflicted winter wheat approached maturity under sunny skies and near-normal temperatures. Widespread showers (3-35 mm, locally more) sustained good to excellent yield prospects for reproductive winter grains from north-central Algeria into Tunisia. Hot conditions (30-35°C) overspread Algeria and Tunisia after the rain departed, but adequate to abundant moisture supplies helped minimize any potential negative impacts of the heat on reproductive winter wheat and barley.

For additional information contact: mbrusberg@oce.usda.gov



EASTERN ASIA

Heavy, late-week showers (25-50 mm or more) in central and eastern portions of the Yangtze Valley boosted soil moisture and water supplies for reproductive rapeseed as well as vegetative spring-sown crops. The rain in these areas represented the first significant increase in moisture since early March. Most of the western sections of the Yangtze Valley experienced lesser rainfall amounts (less than 25 mm), but the crops in these areas have enjoyed above-average rainfall prior to this week. In southern China, drier weather prevailed, giving early-crop rice beneficial sunshine to go with ample soil moisture. Meanwhile, much of the North China Plain received little if any precipitation for the week, necessitating further supplemental irrigation to prevent yield declines in wheat. In addition to the spring dryness, temperatures have been consistently above average, with the past week being no exception (temperatures 5-6°C above average). Wheat's vegetative health (calculated from satellite imagery) on the North China Plain has been below last year's exceptionally good levels.

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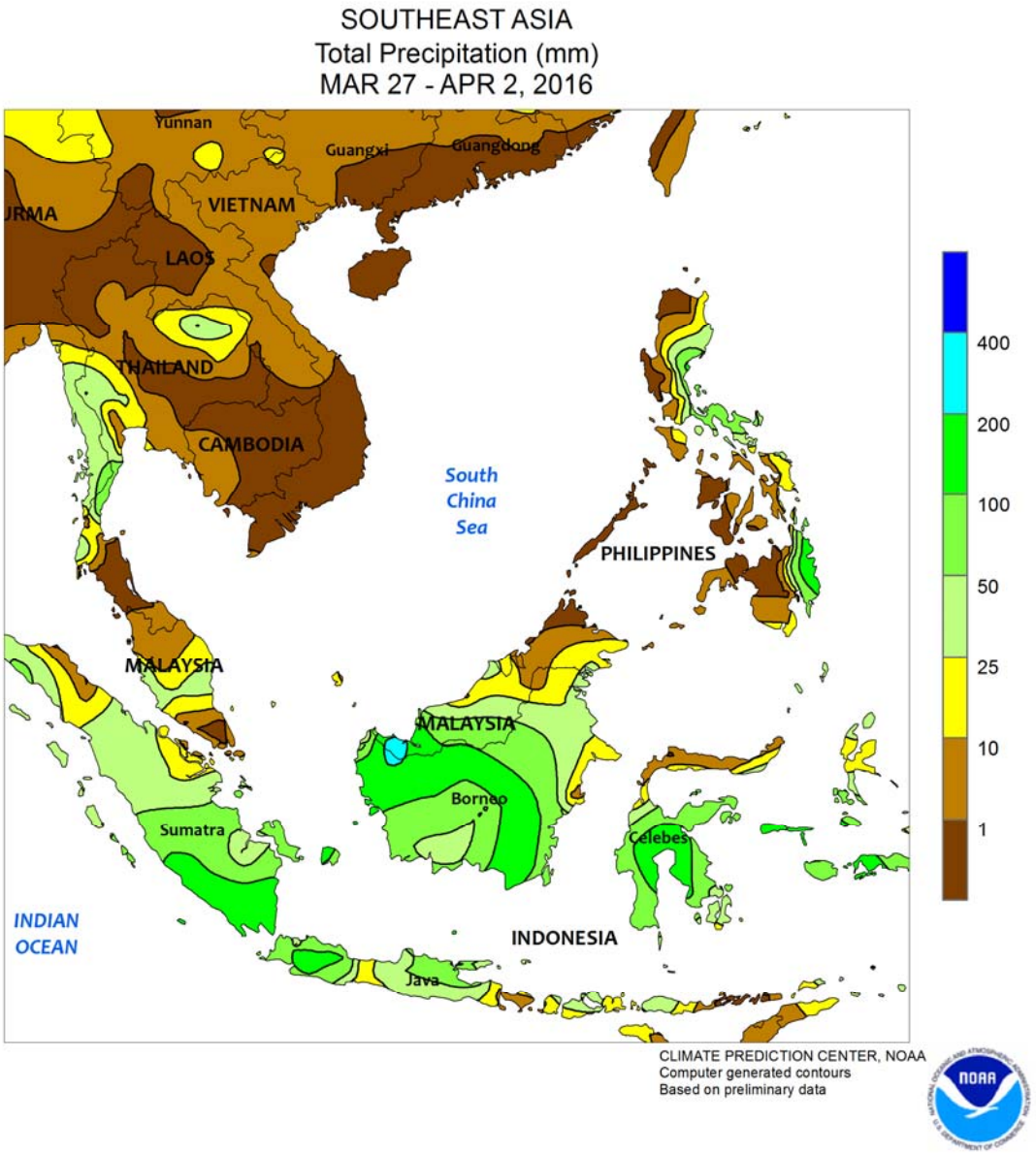
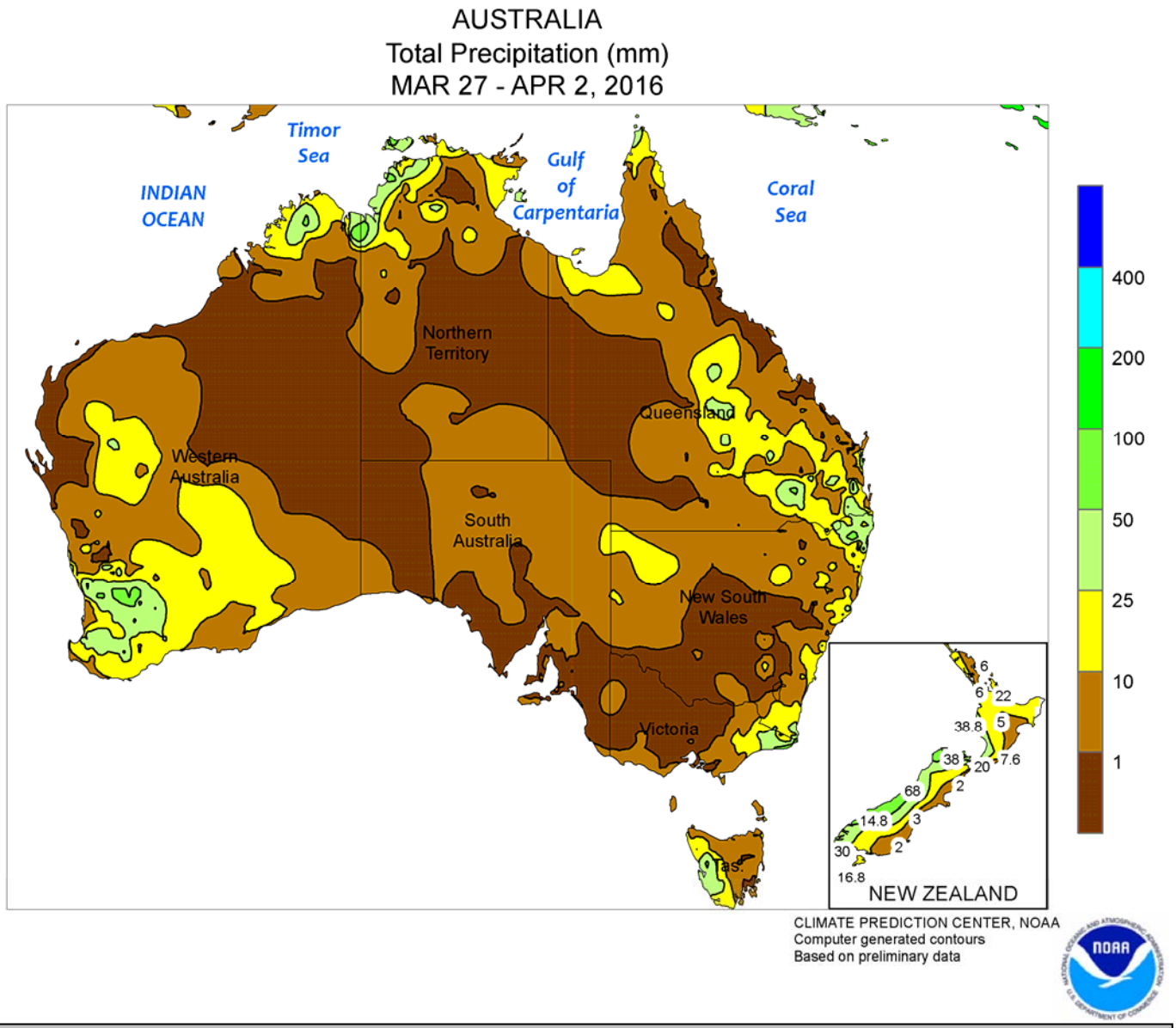


SOUTHEAST ASIA

Rainfall continued throughout Indonesia, benefiting oil palm but slowing wet-season rice harvesting. Rainfall surpassed 100 mm for oil palm in Kalimantan and southern Sumatra, with similar amounts in western Java impacting the rice harvest. Despite the impact on rice harvesting, the rain in western Java maintained favorable water supplies for the lesser spring-sown rice and to the dry-season crop planted in the summer. In contrast, water supplies were more limited for spring and summer rice crops in central and eastern Java due to poor seasonal rainfall. In neighboring Malaysia, showers (10-40 mm) were localized across the peninsula and nonexistent in key oil palm areas of Sabah. The lack of appreciable rainfall further depleted soil moisture and kept oil palm prospects lower than last year. Meanwhile in the Philippines, rain returned to eastern rice and corn areas, where 50 to over 200 mm slowed winter crop harvesting but improved moisture for the smaller spring-sown rice and corn crops. Farther west, seasonally dry weather benefited dry-season rice harvesting in Thailand and southern Vietnam, while light, brief showers (less than 10 mm) did little to improve soil moisture and water supplies for spring-sown rice in northern Vietnam.

For additional information contact: mbrusberg@oce.usda.gov



AUSTRALIA

In southern Queensland and northern New South Wales, very warm, dry weather prevailed throughout most of the week, aiding summer crop maturation and harvesting. Midweek showers (2-10 mm, locally more) may have caused some disruptions in fieldwork. However, the showers were generally scattered and short-lived, and as a result any harvesting delays were likely brief. Temperatures averaged about 1 to 2°C above normal, with maximum temperatures mostly ranging from the upper 20s to middle 30s degrees C.

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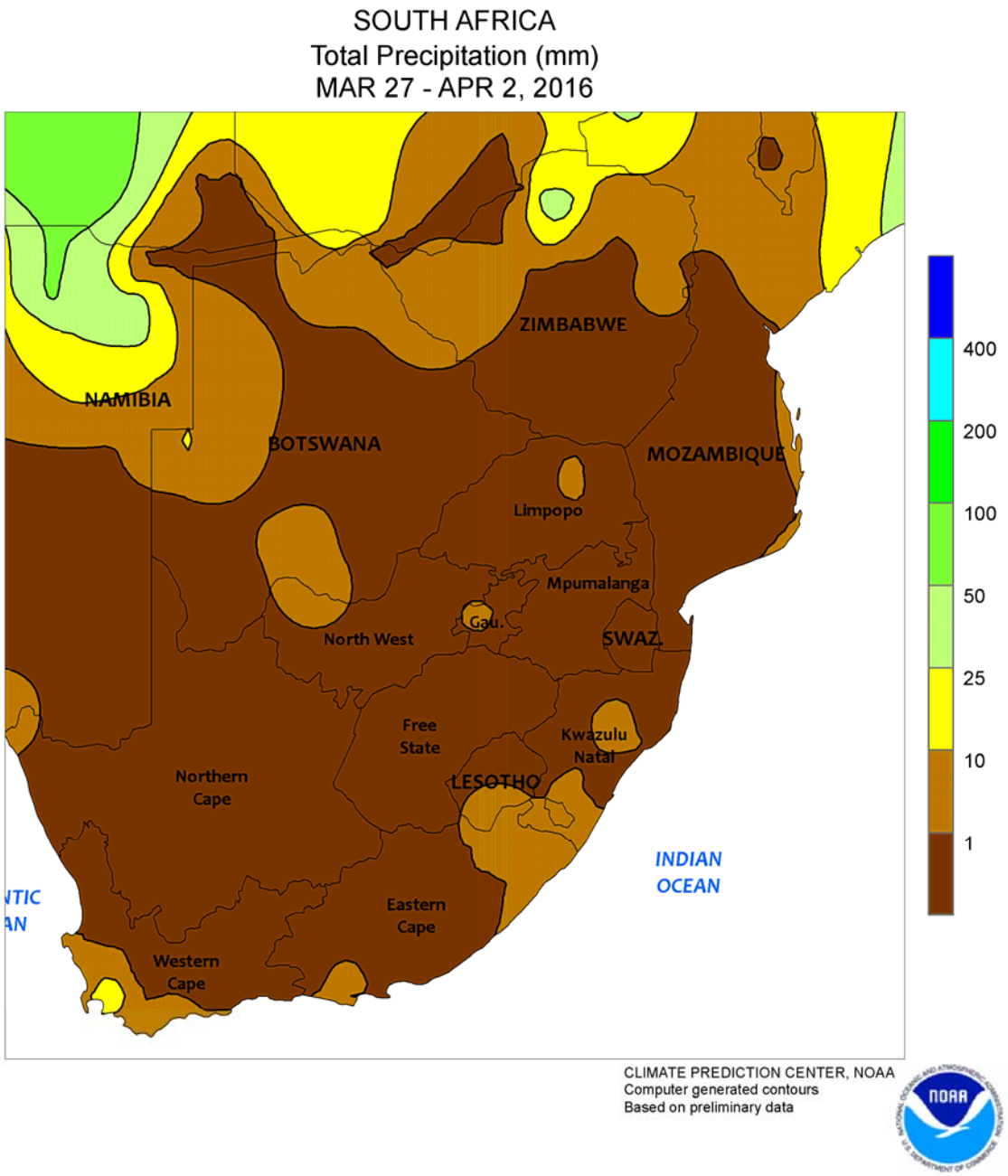

SOUTH AFRICA

Mostly dry, unseasonably warm weather dominated the corn belt, reducing moisture for immature, late-planted corn. Virtually no rain fell over the region, including coastal farming areas of the Cape Provinces and KwaZulu-Natal, where rainfall totaled less than 10 mm. Weekly temperatures averaged 1 to 3°C above normal across the corn belt as well as sugarcane areas of KwaZulu-Natal and eastern Mpumalanga. Daytime highs reached the lower and middle 30s (degrees C) in northern and western sections of the corn belt (North West and Free State to Limpopo) and the upper 20s farther east. Meanwhile, temperatures approached 40°C in irrigated sugarcane areas of eastern Mpumalanga and northeastern KwaZulu-Natal, with somewhat lower temperatures in rain-fed crop areas farther south. Sugarcane harvesting typically runs from April to September. Elsewhere, mostly dry albeit unseasonably cooler weather dominated the Cape Provinces, favoring late development of irrigated summer crops, including corn and cotton in the Orange River Valley.

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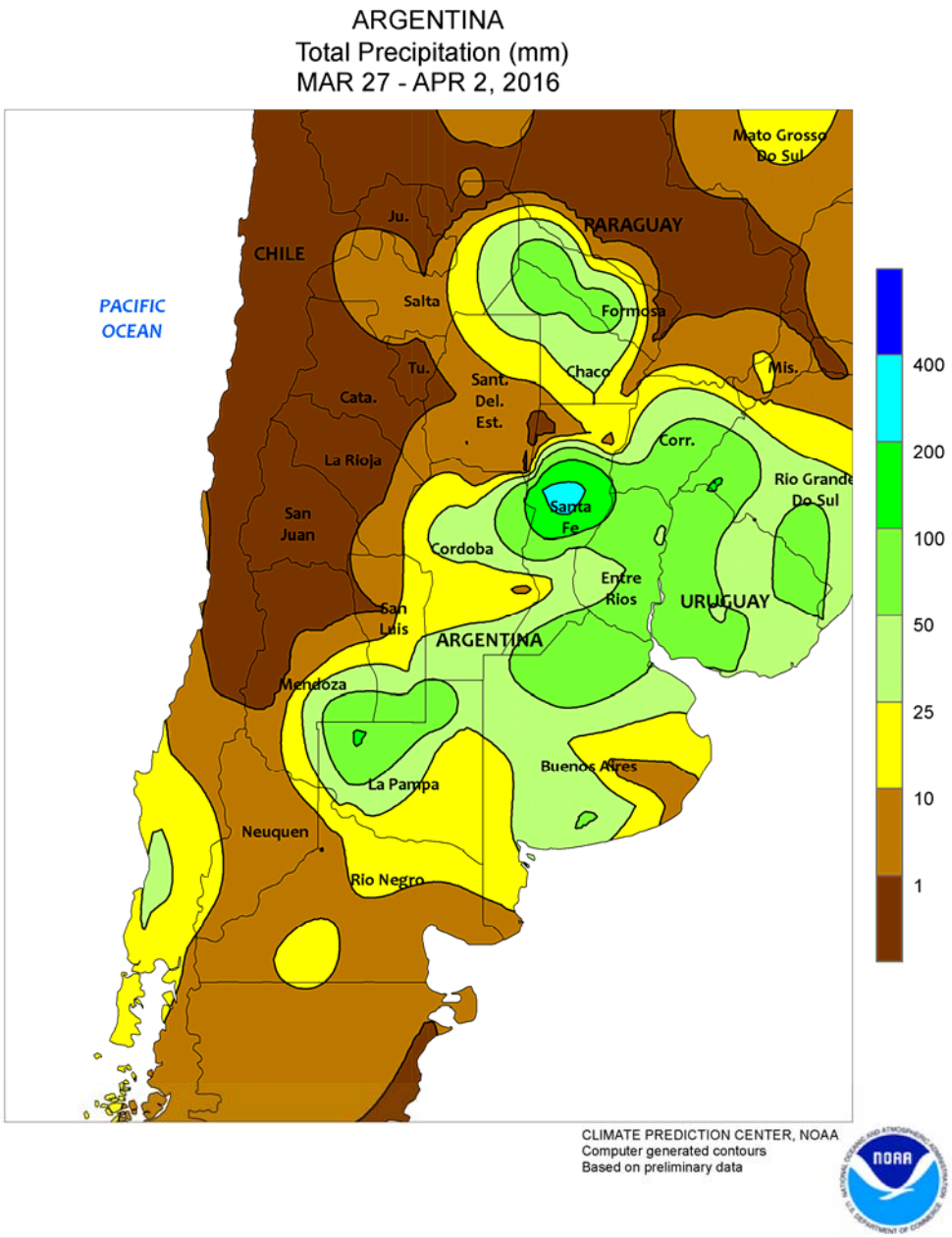
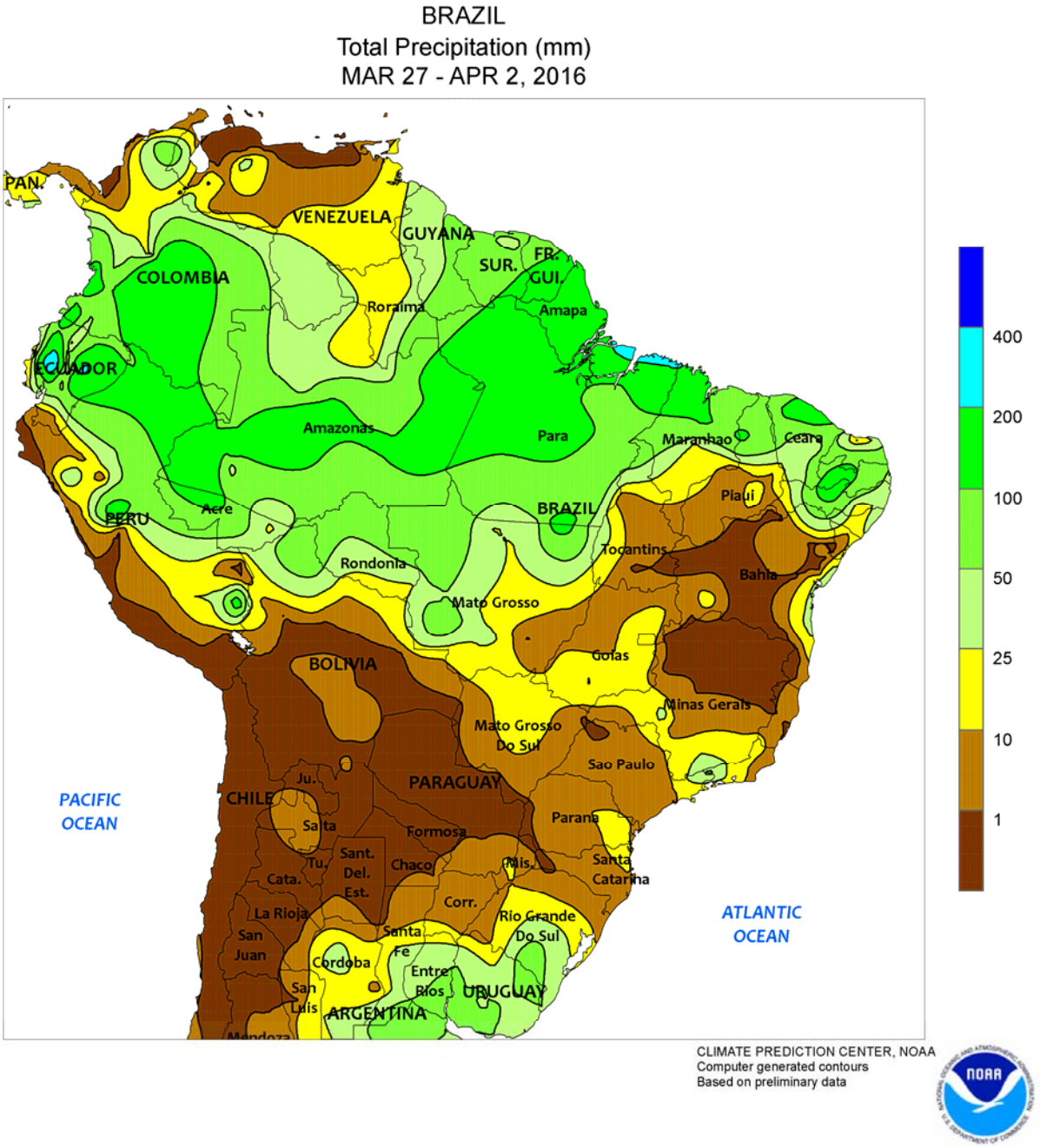


ARGENTINA

Rain provided adequate to abundant levels of moisture for immature corn and soybeans throughout the main farming areas of central Argentina. Rainfall totaled more than 50 mm in northern Buenos Aires, with amounts generally ranging from 10 to 35 mm elsewhere, including previously dry sections of southwestern Buenos Aires. While slowing fieldwork — including the early stages of corn and soybean harvesting — the moisture was overall favorable for later-planted summer crops. Weekly temperatures rebounded from the previous week, averaging 2 to 4°C above normal (daytime highs reaching the lower 30s degrees C at most locations) throughout the aforementioned areas. Drier conditions prevailed farther north, with little to no rain falling from Santiago del Estero and Salta eastward through Chaco and Formosa. Similar to central Argentina, weekly temperatures averaged 1 to 3°C above normal in the north, with daytime highs occasionally reaching into the middle 30s. The warmer, drier conditions favored development of open boll cotton and other maturing summer crops. According to Argentina's Ministry of Agriculture, sunflowers were 91 percent harvested as of March 29, 2 points ahead of last season. In addition, corn and soybean harvesting was increasing, though no detailed provincial progress was available. Winter wheat planting typically ranges from May to July.

For additional information contact: mbrusberg@oce.usda.gov



BRAZIL

Showers were scattered and light in central and northeastern farming areas, favoring drydown and harvesting of soybeans but reducing moisture for second-season crops, notably corn. No rain fell in the vicinity of western Bahia and neighboring locations in Tocantins, areas which are minor producers of second-crop corn. However, rainfall totaled below 25 mm over large sections of Mato Grosso and Goias, reducing moisture for crops in those more important producing states. Dryness at this time of year is particularly untimely for second-crop corn; the rainy season typically ends in late April or early May, and periods of anomalous dryness at this time of year can significantly impact development of vegetative to reproductive crops. Similarly, rainfall was patchy and light in southern Brazil (Mato Grosso do Sul and Sao Paulo southward to Rio Grande do Sul), with most locations recording well below 25 mm. However, moisture reserves are overall favorable in southern production areas due to previous periods of above-normal rainfall. Weekly temperatures averaged 1 to 3°C above normal throughout the region, with daytime highs reaching the upper 30s (degrees C) in traditionally warmer locations in Mato Grosso and Tocantins.

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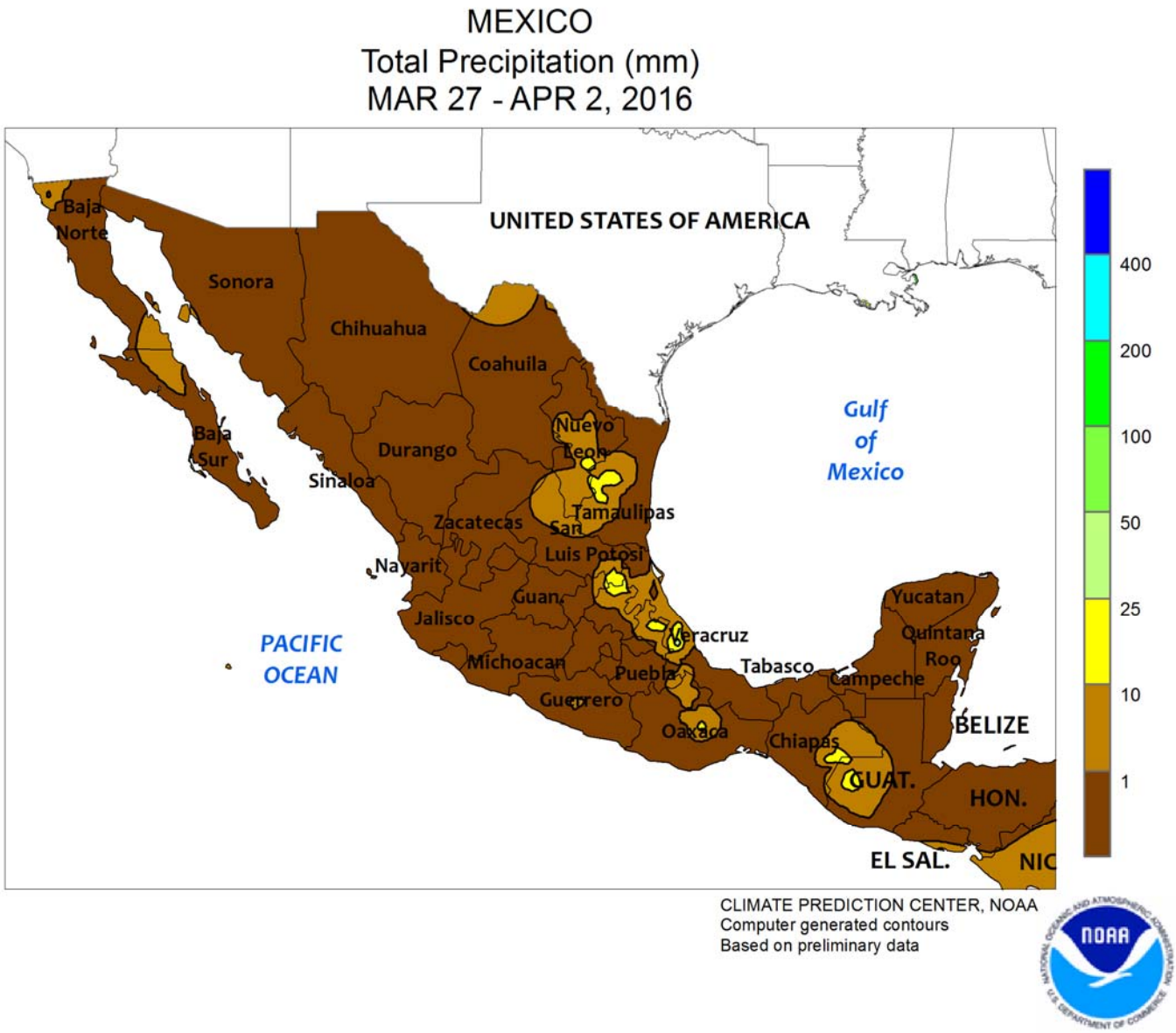

MEXICO

Dry, unseasonably warm weather dominated most major agricultural areas, hastening winter crop development but likely discouraging significant early planting of corn and other rain-fed summer crops. Little to no rain fell across the southern plateau, where weekly temperatures averaged 1 to 3°C above normal. Seasonal rain typically arrives in eastern production areas (notably Puebla and Mexico) in April, with rainfall usually arriving in western production areas (Michoacan and Jalisco) in May. Dry weather also dominated the southern Pacific Coast and the southeast, including the Yucatan Peninsula. Farther north, warmth and dryness favored development of maturing winter-grown wheat and corn in northwestern farming areas (Baja Norte to Chihuahua and Sinaloa). In the northeast (in and around Tamaulipas), the warmth (daytime highs reaching the middle and upper 30s degrees C) fostered rapid development of rain-fed winter sorghum, although additional moisture would be welcome for normal development.

For additional information contact: mbrusberg@oce.usda.gov

U.S. Prospective Planting Highlights

The following information was released by USDA's Agricultural Statistics Board on March 31, 2016.

Corn planted area for all purposes in 2016 is estimated at 93.6 million acres, up 6 percent (%) from last year. If realized, this will represent the highest U.S. planted acreage since 2013, and will be the third-highest U.S. planted acreage since 1944.

Soybean planted area for 2016 is estimated at 82.2 million acres, down less than 1% from last year. Compared with last year, planted acreage intentions are down or unchanged in 23 of the 31 estimating states.

All wheat planted area for 2016 is estimated at 49.6 million acres, down 9% from 2015.

The 2016 winter wheat planted area, at 36.2 million acres, is down 8% from last year and down 1% from the previous estimate. Of this total, about 26.2 million acres are Hard Red Winter; 6.60 million acres are Soft Red Winter; and 3.37 million acres are White Winter.

Area planted to other spring wheat for 2016 is estimated at 11.3 million acres, down 14% from 2015. Of this total, about 10.7 million acres are Hard Red Spring wheat.

The intended Durum planted area for 2016 is estimated at 2.00 million acres, up 3% from the previous year.

All cotton planted area for 2016 is estimated at 9.56 million acres, 11% above last year. Upland area is estimated at 9.35 million acres, up 11% from 2015. American Pima area is estimated at 215,000 acres, up 36% from 2015.

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